

TodayDate	Location	CurrentSpill	NewSpill	Rationale
4/3/2002	MCN	0	160	Spill season begins in attempt to support Turbine survival test which will last to 4/22
4/4/2002	LGNW	0	60	Beginning spill season
4/4/2002	LGSW	0	50	Beginning spill season
4/5/2002	LGNW	60	60	LGNW gage's compensation depth was incorrect from 4/3/02. It was not deep enough, so the TDG levels were less than what the readings showed. Gage fixed that 4/5/02 evening. This mechanic problem resulted in high TDG readings.
4/6/2002	LGNW	60	50	
4/6/2002	LGSW	50	45	
4/7/2002	LGNW	45	40	
4/7/2002	LGSW	40	35	
4/8/2002	LGNW	40	37	
4/8/2002	LGSW	45	47	
4/9/2002	LGNW	37	44	
4/9/2002	LGSW	47	40	
4/10/2002	MCN	0	120	Beginning of Spill Season
4/10/2002	LGNW	40	48	
4/10/2002	LGSW	44	38	
4/10/2002	MCQW	160	120	
4/10/2002	JDA	0	0	Juvenile fish passage and survival test begins 4/10/02 and last through 8/31/02
4/10/2002	BON	0	52	Beginning Spill season
4/10/2002	IHR	0	84	Beginning Spill season
4/10/2002	JDA	0	108	Beginning Spill season
4/10/2002	LGNW	48	44	
4/10/2002	LGSW	38	38	
4/10/2002	TDA	0	72	Beginning Spill season
4/11/2002	MCPW	120	130	
4/12/2002	IDSW	85	85	
4/12/2002	JHAW	110	97	
4/12/2002	MCPW	130	140	
4/12/2002	TDDO	125	125	
4/12/2002	WRNO	120	120	
4/12/2002	LGNW	44	48	The TDG was at 116-117%
4/12/2002	LGSW	38	30	The TDG was at 116-117%
4/13/2002	IDSW	85	92	The forebay TDG was 115.6 to

4/13/2002	JHAW	97	100	The % TDG was 119 % at 97 KCFS, so spill was increased.
4/13/2002	LGSW	30	33	
4/13/2002	LWG	48	52	
4/13/2002	MCPW	140	150	The % TDG was 117 to 118 % at 140 KCFS, so spill was increased.
4/13/2002	TDDO	125	125	
4/13/2002	WRNO	120	120	
4/14/2002	BON	0	0	Adult Fish passage test begins 4/14/02 and last through 8/31/02
4/15/2002	LWG	0	0	Removeable Spillway Weir Fish tests begins 4/15/02 and will last to 6/2/02
4/17/2002	IDSW	102	102	The % TDG was at or near 120% so spill level was unchanged.
4/17/2002	JHAW	110	110	The % TDG was at or near 120% so spill level was unchanged.
4/17/2002	LGNW	47	47	They spilled on 24 KCFS. Performing a test. Leave cap alone
4/17/2002	LGSW	40	47	The % TDG was below 120%.
4/17/2002	MCPW	160	165	The % TDG was below 120% so spill level was increased.
4/17/2002	TDDO	125	135	Spilling at 125 KCFS produced 116.5% TDG, so spill level was increased to 135 KCFS.
4/17/2002	WRNO	115	170	The % TDG was at 118% and they were spilling 150 KCFS instead of the 115 KCFS specified. Spill level was increased.
4/18/2002	BON	170	150	Camas/Washougal was is nearing 115% TDG. Portland District requested 150 KCFS spill during their test.
4/18/2002	IDSW	102	102	119.5 % TDG with 102 KCFS spill. Leave alone
4/18/2002	JHAW	110	108	The highest 12 hours average was 120.2 % TDG.
4/18/2002	LGNW	47	47	Spill remain same due to RSW tests
4/18/2002	LGSW	47	50	118% TDG with 47 KCFS spill. Can increase
4/18/2002	MCPW	165	170	High 118 % TDG with 165 KCFS spill. Increase slightly
4/18/2002	TDDO	135	135	Project spilling to the 40% of instant flow of the river
4/19/2002	IDSW	102	102	Project didn't spill to 102 KCFS cap. Don't change
4/19/2002	JHAW	108	108	118.4% TDG with 108 KCFS spill. With warming trend leave it alone
4/19/2002	LGNW	47	50	117 % TDG with 47KCFS. Could increase
4/19/2002	LGSW	50	45	TDG was over 115% TDG at LMN forebay.
4/19/2002	MCPW	170	175	118% TDG with 170 KCFS. Increase 5 kcfs
4/19/2002	TDDO	135	135	Project didn't spill to 135 KCFS cap. Don't change
4/19/2002	WRNO	150	150	Camas/Washougal exceeded the 115% TDG cap with 170 KCGS spill. Allow yesterday's change to show up. Don't change
4/19/2002	MCN	0	0	Spill restricted because of a maintainance contract to remove bridges. Construct began 4/19 and will end 5/8/02
4/20/2002	CWMW	153	153	No change. TDG is near cap. Wait one more day
4/20/2002	IDSW	102	102	They didn't spill to the cap. No changes
4/20/2002	JHAW	108	108	No change. TDG was 118 to 119%

4/20/2002	LGNW	50	47	TDG was 121 and 122%. Dropped 3 KCFS
4/20/2002	LGSW	45	42	TDG in LMN forebay 119 and 120 %. Lower spill 3 KCFS
4/20/2002	MCPW	175	175	No change. TDG was 118 to 119%
4/20/2002	TDDO	135	135	No change. They didn't spill to the cap.
4/20/2002	WRNO	153	153	No change.
4/21/2002	IDSW	102	102	Didn't spill to cap. No change. Spill levels produced only 115%.
4/21/2002	JHAW	108	95	Spill 24 hours caused gas over 120%, even at 95KCFS spill.
4/21/2002	LGNW	47	47	Project did not reduce spill from 50 to 47 KCFS yesterday. No change
4/21/2002	LGSW	42	42	No change. Spill produced 118% TDG levels
4/21/2002	LMN	0	0	TDG levels still over 120% - produced by earlier spill. Flushing out
4/21/2002	MCPW	175	175	No Change. TDG levels at 119%
4/21/2002	MCQO	175	175	High TDG levels above 115% coming down from Pasco
4/21/2002	MCQW	175	175	High TDG levels above 115% coming down from Pasco
4/21/2002	TDDO	135	135	No change. Didn't spill to the cap. TDG levels only 117%
4/21/2002	WRNO	153	150	April 20 12 hour average was 115.6%.
4/22/2002	CWMW	150	150	TDG at 115%. Leave alone
4/22/2002	IDSW	102	102	IHR forbay TDG levels were 117%, which needed to be lowered. Reducing LGS would help. Leave alone.
4/22/2002	JHAW	95	120	120 % TDG with 90 KCFS. As Steve Rainey (NMFS) recommended we increased the spill to 120 in hopes that the TDG will remain under 120% because of the flow patterns.
4/22/2002	LGNW	47	47	TDG at 111% with 24 KCFS. They are performing the RSW fish test
4/22/2002	LGSW	42	33	The TDG levels at LMN forbay were over 120%. Based on Steve Rainey (NMFS) recommendation, it was lowered to 33 KCFS
4/22/2002	MCPW	175	175	TDG at 119.6 with 174 KCFS spill. Leave alone
4/22/2002	TDDO	135	135	TDG at 117% with 90 to 120 KCFS. They were spilling 40 % of the river.
4/23/2002	JHAW	123	130	The spill percentages for fish passage changed from 30% day/30% night to 0% day to 60% night.
4/23/2002	CWMW	150	150	Above 115% TDG for 4 hours.
4/23/2002	IDSW	102	90	Total flow of rive only 90 KCFS therefore drop cap to 90 KCFS, which produced 116% TDG
4/23/2002	LGNW	47	47	Spilled 24 KCFS for fish tests
4/23/2002	LGSW	33	33	Spill TDG dropped below 115%
4/23/2002	MCPW	175	180	TDG levels at 118%.
4/23/2002	TDDO	135	135	Didn't spill to the cap. Spilled to 40% of river producing 115-116% TDG
4/24/2002	CWMW	150	150	6 Hours above 115%. The 12 hour average was below 115%, but close. Leave alone
4/24/2002	IHR	90	90	They were spilling the entire river which was 90 KCFS.
4/24/2002	JHAW	130	85	The juvenile bypass test says they spill 30% of the river for 24 hours/day. The river flow is 255 KCFS.
4/24/2002	LGNW	47	47	Spilling 16 KCFS for fish test
4/24/2002	LGSW	33	35	115% TDG with 33 KCFS and 114% at LMN forebay.

4/24/2002	MCPW	180	185	119% TDG with 180 KCFS. Could increase it a little
4/24/2002	TDDO	135	135	They were spilling 40% of the river, which was 118 to 98 KCFS. Leave alone
4/25/2002	CWMW	150	153	111% TDG. Warm weather coming and Camas is shallow. Could increase slightly
4/25/2002	IDSW	90	90	They were spilling the entire river, which was 75 KCFS. Leave alone
4/25/2002	JHAW	85	85	119.5% TDG with 85 KCFS spill. Leave alone
4/25/2002	LGNW	47	42	Fish test returns to gas cap. 42 KCFS should generate 120% TDG
4/25/2002	LGSW	35	30	4 hours of above 115% TDG at LMN, but 12 hour average is less than 115%. Reduce to compensate for increase gas from LWG.
4/25/2002	MCPW	185	185	119.7% TDG with 185 KCFS spill. Leave alone
4/25/2002	TDDO	135	135	119.7% TDG with 112 KCFS spill. They were spilling 40% of the river.
4/25/2002	WRNO	150	153	118.8% TDG for 6 hours with 150 KCFS spill. Could increase slightly
4/26/2002	MCN	180	175	The gate for bay 11 quit working, so spill was reduced to compensate for the potential increase in TDG. Gates 2,3,22, and 21 were not being used because of bridge removal.
4/26/2002	BON	153	135	20 hrs of 115% TDG
4/26/2002	IDSW	90	90	114% TDG w/ 45-75 KCFS spill. They were spilling the river
4/26/2002	JHAW	85	85	119% TDG - leave alone
4/26/2002	LGNW	42	35	5 hrs of over 120% TDG with 42/6 KCFS spill
4/26/2002	LGSW	30	28	114.5% TDG, but LMN's forebay was TDG was above 115%.I
4/26/2002	LMN	0	0	19 hrs of above 115% TDG. Appears that LWG's TDG is effecting LMN.
4/26/2002	MCPW	185	180	116% TDG - leave alone because of the JHAW is 119.7% TDG.
4/26/2002	MCQO	185	180	10 hrs of 16.2% TDG
4/26/2002	MCQW	185	180	15 hrs of over 115% TDG
4/26/2002	TDDO	135	85	117% TDG with 88- 105 KCFS spill. BON forebay is too high
4/26/2002	WRNO	153	135	weather will be cooler this weekend
4/27/2002	BON	135	135	114% TDG
4/27/2002	CWMW	135	135	112% TDG and going toward 118%.
4/27/2002	IDSW	90	90	112+ % TDG. MCQO and MCQW are over 115%
4/27/2002	IHR	90	90	112% TDG
4/27/2002	JHAW	85	85	Spilled to 75KCFS, which was the 30% spill for the fish test.
4/27/2002	LGNW	35	38	LGS forebay degassed the 120% LGNW outflow at 120%
4/27/2002	LGSW	28	30	113% TDG. Therefore the LMN forebay won't go over 115%
4/27/2002	LMN	0	0	117% TDG, before the TDG probe quit working at 8:00
4/27/2002	LMNW	0	0	117% TDG
4/27/2002	MCPW	175	165	120+ % TDG for 11 hours. EXCEEDANCE
4/27/2002	MCQO	175	165	120+ % TDG. EXCEEDANCE

4/27/2002	MCQW	175	165	115+ % TDG. EXCEEDANCE
4/27/2002	TDDO	85	85	Spilled 80 KCFS which was 40% of the river as required in the BiOp.
4/27/2002	WRNO	135	135	117 % TDG. Using Mike Schneider's new graphs which say 117%.
4/28/2002	LGNW	38	38	118% with 39 KCFS spill, but LMN forebay exceeded 115%.
4/28/2002	BON	135	142	112% TDG
4/28/2002	CWMW	135	142	113 % TDG
4/28/2002	IDSW	90	90	113% TDG with 45 KCFS during day and 60 KCFS at night, which is the entire river
4/28/2002	JHAW	85	140	119% TDG with 75 KCFS spill
4/28/2002	LGSW	30	30	114% TDG with 29 KCFS, but LMN forbay exceeded 115% TDG
4/28/2002	LMN	0	0	The TDG data was erroneous because the TDG probe was not working
4/28/2002	MCPW	165	165	119% TDG with 165 KCFS spill
4/28/2002	MCQO	165	165	15 hrs of above 115% TDG, but it is not coming from IHR. EXCEEDANCE Nothing we can do.
4/28/2002	MCQW	165	165	24 hrs of above 115% TDG, but it is not coming from IHR. EXCEEDANCE Nothing we can do.
4/28/2002	TDA	85	95	109% TDG
4/28/2002	TDDO	85	95	115% TDG with 85 KCFS spill
4/28/2002	WRNO	135	142	118% TDG
4/29/2002	CWMW	142	130	High 12 hr average is 116.5% TDG. EXCEEDANCE
4/29/2002	IDSW	90	90	113% TDG with 65 KCFS spill, which is the entire river.
4/29/2002	JHAW	140	140	117% TDG with 112 KCFS, which is 60% of the river as required for the fish test
4/29/2002	LGNW	38	38	118% TDG with 38 KCFS spill. Leave alone
4/29/2002	LGSW	30	32	114% TDG with 29 KCFS spill. Could increase a little because LMNW is at 113%.
4/29/2002	LMN	0	0	The TDG data is showing 185 to 253%, which is erroneous. We could not use this information
4/29/2002	LMNW	0	0	113%.TDG with no spill
4/29/2002	MCPW	165	165	117% TDG with 133 KCFS spill. Leave spill alone
4/29/2002	MCQO	165	165	High 12 hr average is 118.3% TDG. EXCEEDANCE
4/29/2002	MCQW	165	165	High 12 hr average is 115.0% TDG. EXCEEDANCE
4/29/2002	TDDO	95	95	117% TDG with 64 to 80 KCFS, which is 40% of the river flow as required in the BiOp.
4/29/2002	WRNO	142	130	119% TDG with 141 KCFS spill.
4/30/2002	CWMW	130	120	24 hr avg TDG = 117.6%. EXCEEDANCE. Spill will change to 75KCFS during daytime.
4/30/2002	IHR	90	90	High 12 hours is 115.0 % TDG.
4/30/2002	JHAW	140	90	119% TDG with 140 KCFS, which was 60% of the river. Spill changes to 30%/30% for the fish test
4/30/2002	LGNW	38	38	109% TDG with 16 KCFS spill required for fish tests
4/30/2002	LGSW	32	30	115% TDG with 31 KCFS spill, but LMN is slightly high
4/30/2002	LMN	0	0	9 hrs of above 115% TDG. TDG probe began working on 4/29/02 12:00
4/30/2002	LMNW	0	0	113% TDG

4/30/2002	MCPW	165	158	High 12 hours FOR 4/29 is 18.7 % TDG but there are 6 hours of 120+ % TDG.
4/30/2002	MCQO	165	158	High 12 hours is 114.2 % TDG.
4/30/2002	MCQW	165	158	High 12 hours is 115.3 % TDG. EXCEEDANCE
4/30/2002	TDDO	95	95	8 hrs of high 119% TDG
4/30/2002	WRNO	130	120	High 12 hr avg. = 118.9% TDG with 130 KCFS spill.
4/30/2002	LWG	32	30	There was a load rejection which means the powerhouse was not working and the river was spilled.
4/30/2002	MCN	158	130	Bays 19 and 20 were closed during construction, so spill was reduced. 124.5% TDG.
5/1/2002	BON	120	110	114.5% TDG
5/1/2002	CWMW	120	110	High 12 hr. avg = 118.8%. EXCEEDANCE
5/1/2002	IDSW	90	90	113.3 % TDG. They are spilling the river.
5/1/2002	IHR	90	90	High 12 hr. avg = 116.5%. EXCEEDANCE
5/1/2002	JDA	90	85	High 12 hr. avg = 115.3%. EXCEEDANCE
5/1/2002	JHAW	90	85	119% TDG
5/1/2002	LGNW	38	38	116% TDG with 42 KCFS, which was caused by a load rejection.
5/1/2002	LGSW	30	30	111% TDG with 30 KCFS
5/1/2002	LMNW	0	0	115% TDG
5/1/2002	LWG	38	38	1 of the 6 units are back on line. They are passing flow, which is 42KCFS.
5/1/2002	MCPW	130	125	High 12 hr. avg = 122%. EXCEEDANCE
5/1/2002	MCQO	130	125	High 12 hr. avg = 116.7%. EXCEEDANCE
5/1/2002	MCQW	130	120	High 12 hr. avg = 117.0%. EXCEEDANCE
5/1/2002	TDA	95	95	High 12 hr. avg = 115.4%. EXCEEDANCE
5/1/2002	WRNO	120	110	119.3 % TDG
5/1/2002	LMN	0	0	High 12 hours is 116.8 % TDG. EXCEEDANCE
5/2/2002	BON	110	110	High 12 hour avg= 115.7% TDG EXCEEDANCE
5/2/2002	CWMW	110	110	114.8 % TDG
5/2/2002	IDSW	90	90	114.4 % TDG
5/2/2002	JHAW	85	85	High 12 hour avg= 117.9% TDG
5/2/2002	LGNW	38	38	High 12 hour avg= 116.3% TDG 5 or 6 units are still not working from the load rejections.
5/2/2002	LGSW	30	30	114.1% TDG
5/2/2002	LMN	0	0	High 12 hour avg= 116.3% TDG EXCEEDANCE
5/2/2002	MCN	120	100	Gates 1,2,19, 20, 21, 22 and 11 are down during construction work
5/2/2002	MCPW	120	100	High 12 hour avg= 121.8% TDG EXCEEDANCE
5/2/2002	MCQO	120	100	High 12 hour avg= 115.9% TDG EXCEEDANCE
5/2/2002	MCQW	120	100	High 12 hour avg= 116.9% TDG EXCEEDANCE
5/2/2002	TDDO	95	95	119.6% TDG

5/2/2002	WRNO	110	110	115.7% TDG
5/3/2002	BON	110	120	112.4 % TDG
5/3/2002	CWMW	110	120	112.4% TDG. Since CWMW is the weak link in this segment, and it has low TDG, spill could be increased.
5/3/2002	IDSW	90	90	114.4% TDG with 45 KCFS/day and they are passing the river during night
5/3/2002	JHAW	85	140	118.7% TDG. Fish test changes the spill to 0 spill/day and 60% river at night.
5/3/2002	LGNW	38	38	119% TDG with 57 KCFS. All units are still down as the tranformer is being repaired.
5/3/2002	LGSW	30	30	113.9% TDG
5/3/2002	LMN	0	0	115.6% TDG for high 12 hour avg. EXCEEDANCE
5/3/2002	MCPW	90	100	117.7% TDG with 90 KCFS spill - 122% with 110 spill. The gates are still not working and construction work continues.
5/3/2002	TDDO	95	95	118% TDG
5/3/2002	WRNO	110	120	115.1% TDG
5/4/2002	BON	120	135	110% TDG
5/4/2002	CWMW	120	135	112% TDG
5/4/2002	IDSW	90	100	116% TDG. MCQO and MCQW below 115%
5/4/2002	IHR	90	100	111% TDG
5/4/2002	JDA	140	85	110% TDG
5/4/2002	JHAW	140	85	118.5% TDG. Juvenile test change to 30% day and night today, therefore bac to 85KCFS
5/4/2002	LGNW	38	43	Spilling at gas cap + 25, which is 63 KCFS. TDG levels at 63 KCFS = 120%. 115% TDG with 38 KCFS.
5/4/2002	LGS	30	40	109% TDG
5/4/2002	LGSW	30	40	113% TDG with 30 kcfs.
5/4/2002	LMN	0	0	110% TDG. Forebay below 115% on 5/3 and 5/4
5/4/2002	LMNW	0	0	109% TDG
5/4/2002	MCPW	100	110	118% TDG. Bays 3 and 19 are put in service on 5/3
5/4/2002	MCQO	100	110	110% TDG
5/4/2002	MCQW	100	110	110% TDG
5/4/2002	TDA	95	105	110% TDG
5/4/2002	TDDO	95	105	116% TDG
5/4/2002	WRNO	120	135	114% TDG
5/5/2002	BON	135	146	110% TDG
5/5/2002	CWMW	135	146	112.7% TDG for high 12 hr. avg
5/5/2002	IDSW	100	102	119% TDG with 100 KCFS. They slowly came up and slow came down from the 100 KCFS. Could increase to compensate.
5/5/2002	JDA	85	85	108% TDG
5/5/2002	JHAW	85	85	19.8% TDG for high 12 hr. avg with 30% river being spilled
5/5/2002	LGNW	43	43	117.3 % TDG for high 12 hr. avg. 8 hrs of 120+ %TDG at 43 KCFS.

5/5/2002	LGSW	40	45	114.9% TDG for high 12 hr. avg. 8 hrs of 118 %TDG at 40 KCFS.
5/5/2002	LMN	0	0	110% TDG
5/5/2002	MCPW	110	118	117% TDG with 108 KCFS
5/5/2002	MCQO	110	118	108.4% TDG for high 12 hr. avg.
5/5/2002	MCQW	110	118	109% TDG for high 12 hr. avg.
5/5/2002	TDA	105	110	112.7% TDG
5/5/2002	TDDO	105	110	117.4% TDG for high 12 hr. avg with 40% river being spilled
5/5/2002	WRNO	135	146	113.6% TDG for high 12 hr. avg
5/6/2002	BON	146	156	110% TDG
5/6/2002	CWMW	146	156	111% TDG
5/6/2002	IDSW	102	102	114% TDG with 80 KCFS, which was the entire river
5/6/2002	JHAW	85	150	119% TDG with 75 to 81 KCFS
5/6/2002	LGNW	43	43	108% tdg WITH 16 kcf required for fish test. Units 2,3,4, and 6 are back working.
5/6/2002	LGSW	45	45	119% TDG with 45 KCFS. Leave alone
5/6/2002	LMN	0	0	110% TDG
5/6/2002	MCPW	118	128	117% TDG with 118 KCFS.
5/6/2002	MCQO	118	128	109% TDG
5/6/2002	MCQW	118	128	109% TDG
5/6/2002	TDDO	110	110	117% TDG with 60 to 96 KCFS. They were spilling 40% of the river
5/6/2002	WRNO	146	156	114.5% TDG
5/7/2002	BON	156	153	110% TDG
5/7/2002	CWMW	156	153	115.1% TDG. EXCEEDANCE
5/7/2002	IDSW	102	102	113% TDG with 60 to 75 KCFS. They were spilling the river
5/7/2002	JHAW	150	150	119% TDG with 150 KCFS. Spilling 60% of river
5/7/2002	LGNW	43	43	108% TDG with 16 KCFS spill which is required for the fish test
5/7/2002	LGSW	45	45	119% TDG for high 12 hour avg.
5/7/2002	LMN	0	0	111% TDG
5/7/2002	MCPW	128	138	117% TDG.
5/7/2002	MCQO	128	138	107% TDG
5/7/2002	MCQW	128	138	107% TDG
5/7/2002	TDDO	110	110	115% TDG at 102 to 78 KCFS
5/7/2002	WRNO	156	153	118.9% TDG for high 12 hour avg.
5/8/2002	BON	150	145	110% TDG
5/8/2002	CWMW	150	145	high 12 hr avg = 116.0%. EXCEEDANCE,
5/8/2002	IDSW	102	102	118% TDG with 70 to 98 KCFS spill which was all of the river

5/8/2002	JHAW	150	150	119% TDG with 150 KCFS spill- fish test calls for 60% spill/night
5/8/2002	LGNW	43	43	111% TDG with 24 KCFS, which is required for the fish test
5/8/2002	LGSW	45	46	119% TDG with 45 KCFS. High 12 hr. avg = 118.9%
5/8/2002	LMNW	0	0	111% TDG
5/8/2002	MCPW	138	148	118% TDG with 137 KCFS spill; high 12 hr avg = 117.6%
5/8/2002	MCQO	138	148	107% TDG
5/8/2002	MCQW	138	148	107% TDG
5/8/2002	TDA	110	110	111% TDG
5/8/2002	TDDO	110	110	117% TDG with 110 KCFS spill; high 12 hr avg = 115.9%
5/8/2002	WRNO	150	145	high 12 hr avg = 118.5%, but exceedance at CWMW
5/9/2002	BON	145	145	114% TDG
5/9/2002	CWMW	145	145	116% TDG, but dropping because of previous reduction.
5/9/2002	IDSW	102	102	113% TDG with 86 KCFS, which was the total river
5/9/2002	JHAW	150	150	119% TDG
5/9/2002	LGNW	43	43	111% TDG with 24 KCFS, required for fish test
5/9/2002	LGSW	46	46	119% TDG
5/9/2002	LMN	0	0	114% TDG
5/9/2002	MCPW	148	148	119% TDG
5/9/2002	MCQO	148	148	110% TDG
5/9/2002	TDDO	110	110	118% TDG with 100 KCFS, which was 40% of the river
5/9/2002	WRNO	145	145	117% TDG but camas was too high
5/10/2002	BON	145	130	114% TDG
5/10/2002	CWMW	145	130	115%. Didn't decrease WRNO spill because going to 75 KCFS spill today.
5/10/2002	IDSW	102	102	113% TDG with 75 KCFS, as required for fish test
5/10/2002	IHR	102	102	109% TDG
5/10/2002	JDA	150	150	104% TDG
5/10/2002	JHAW	150	150	117% TDG. Didn't spill to cap. Not changing spill level to 30%/30%. See R. Turners email 5/7/02
5/10/2002	LGNW	43	43	111% TDG
5/10/2002	LGS	46	46	105% TDG
5/10/2002	LGSW	46	46	119+ % TDG
5/10/2002	LMN	0	0	113% TDG
5/10/2002	MCPW	148	138	120+% TDG. Addition spill bay made available
5/10/2002	MCQO	148	138	111% TDG
5/10/2002	MCQW	148	138	113% TDG
5/10/2002	TDA	110	110	113% TDG

5/10/2002	TDDO	110	110	117% TDG. Only spilled 76 KCFS, which was 38% river
5/10/2002	WRNO	145	130	118% TDG. 145 KCFS spill didn't drop CWMW enough
5/11/2002	IDSW	102	102	Computer system was down. No changes made
5/11/2002	JHAW	150	150	Computer system was down. No changes made
5/11/2002	LGNW	43	43	Computer system was down. No changes made
5/11/2002	LGSW	46	46	Computer system was down. No changes made
5/11/2002	LMN	0	0	Computer system was down. No changes made
5/11/2002	MCPW	138	138	Computer system was down. No changes made
5/11/2002	TDDO	110	110	Computer system was down. No changes made
5/11/2002	WRNO	130	130	Computer system was down. No changes made
5/12/2002	BON	130	130	111% TDG
5/12/2002	CWMW	130	130	111% TDG
5/12/2002	IDSW	102	102	113% TDG. They were spilling the river
5/12/2002	IHR	102	102	111% TDG. They were spilling the river
5/12/2002	JDA	150	150	109% TDG.
5/12/2002	JHAW	150	150	118% TDG with 30% of river spilled.
5/12/2002	LGNW	43	38	121% TDG for 10 hrs. Fish test is to gas cap. Highest 12 hr avg = 120.3% TDG. EXCEEDANCE.
5/12/2002	LGS	46	46	108% TDG
5/12/2002	LGSW	46	46	119% TDG for 46 KCFS
5/12/2002	MCN	138	133	The construction project to remove bridges was completed. Operations can return to normal.
5/12/2002	MCPW	138	133	121% TDG with 137 KCFS for 8 hrs, but highest 12 hr avg = 120.4 EXCEEDANCE.
5/12/2002	MCQO	138	133	111% TDG.
5/12/2002	MCQW	138	133	113% TDG.
5/12/2002	TDA	110	110	109% TDG.
5/12/2002	TDDO	110	110	116% TDG with 65 to 100 KCFS, which is 40% of river.
5/12/2002	WRNO	130	130	116% TDG for 8 hr. Fish test calls for 75 KCFS. Leave alone
5/13/2002	BON	130	140	114% TDG
5/13/2002	CWMW	130	140	Highest 12 hr. avg = 112.5 % TDG
5/13/2002	IDSW	102	102	112% TDG with 45 KCFS, which was the entire river. They reduced flow to match spill
5/13/2002	JHAW	150	150	115% TDG with 42 to 57 KCFS; spilling 30% of river for fish test
5/13/2002	LGNW	38	38	119% TDG with 38 KCFS. They are switching to 24 KCFS for fish test
5/13/2002	LGS	38	38	112% TDG
5/13/2002	LGSW	46	44	119% TDG with 44 KCFS
5/13/2002	LMN	0	0	113% TDG
5/13/2002	MCPW	133	133	120% TDG with 132 KCFS nighttime spill; 0 spill during day

5/13/2002	MCQO	133	133	112% TDG
5/13/2002	MCQW	133	133	112% TDG
5/13/2002	TDDO	110	110	117% TDG with 56 to 66 KCFS. They were spilling 40% of river as required in BiOp.
5/13/2002	WRNO	130	140	Highest 12 hr. avg = 115.3 % TDG
5/14/2002	BON	140	130	113.9% TDG for highest 12 hr. avg.
5/14/2002	CWMW	140	130	114% TDG
5/14/2002	IDSW	102	102	112% TDG with 50 KCFS spill which was all of the river. They reduced flow to match spill
5/14/2002	IHR	102	102	111% TDG
5/14/2002	JDA	150	150	112% TDG
5/14/2002	JHAW	150	150	118% TDG with 81 KCFS, which was 30% of the river. Spill switches to 60% of river at night and 0/day
5/14/2002	LGNW	38	38	109% TDG with 16 KCFS spill as required for fish test
5/14/2002	LGS	44	44	112% TDG
5/14/2002	LGSW	44	44	119% TDG with 44 KCFS
5/14/2002	LMN	0	0	Highest 12 hr. avg = 114.5% TDG
5/14/2002	LMNW	0	0	Highest 12 hr. avg = 114.6% TDG
5/14/2002	LWG	38	38	104% TDG
5/14/2002	MCPW	133	130	120+% TDG with 132 KCFS
5/14/2002	MCQO	133	130	112% TDG
5/14/2002	MCQW	133	130	112% TDG
5/14/2002	TDA	110	110	109% TDG
5/14/2002	TDDO	110	110	116.6% TDG for highest 12 hr. avg. Spilling 40% river (90 KCFS)
5/14/2002	WRNO	140	130	117% TDG with 139 KCFS. Going to 24 hr gas cap for fish test
5/15/2002	BON	130	120	110 % TDG
5/15/2002	CWMW	130	120	Highest 12 hr avg = 116.0 % TDG. EXCEEDANCE
5/15/2002	IDSW	102	102	114 %TDG with 44 to 85 KCFS. They are spilling the entire river.
5/15/2002	IHR	102	102	111% TDG
5/15/2002	JHAW	150	150	117% TDG with 138 to 105 KCFS. Fish test calls for spilling 60% of the river at night and 0 /day.
5/15/2002	LGNW	38	38	110% TDG. Fish test changes spill from 16 KCFS to 24.
5/15/2002	LGSW	44	44	119+ %TDG with 44 KCFS
5/15/2002	LMN	0	0	Highest 12 hour avg = 114.5
5/15/2002	LWG	38	38	104 % TDG
5/15/2002	TDDO	110	110	115% TDG. Spilling 91 KCFS, which is 40% of the river.
5/15/2002	WRNO	130	120	116 % TDG
5/16/2002	BON	120	120	111% TDG
5/16/2002	CWMW	120	120	Highest 12 hr. avg = 115.5% TDG EXCEEDANCE

5/16/2002	IDSW	102	102	113% TDG with 65 to 76 KCFS. They were spilling the river
5/16/2002	IHR	102	102	111% TDG
5/16/2002	JDA	150	155	111% TDG
5/16/2002	JHAW	150	155	118+% TDG with 100 to 150 KCFS, which was 60% of the river. They went to 155 KCFS and generated.
5/16/2002	LGNW	38	38	111% TDG with 24 KCFS, required for fish test
5/16/2002	LGS	44	44	110% TDG
5/16/2002	LGSW	44	44	119+ % TDG with 44 KCFS.
5/16/2002	LMN	0	0	113% TDG
5/16/2002	LMNW	0	0	113% TDG
5/16/2002	LWG	38	38	111% TDG
5/16/2002	MCPW	120	120	118+% TDG with 119 KCFS.
5/16/2002	MCQO	120	120	113% TDG
5/16/2002	MCQW	120	120	113% TDG
5/16/2002	TDDO	110	110	Highest 12 hr. avg = 117.5% TDG with 76 to 96 KCFS spill, which was 40% of the river as called for in BiOp.
5/16/2002	WRNO	120	120	116.2 % TDG with 120 KCFS spill, which reduces TDG enough for CWMW to be within acceptable levels
5/17/2002	BON	120	115	High 12 hr avg = 112.8% TDG
5/17/2002	CWMW	120	115	High 12 hr avg = 115.8% TDG EXCEEDANCE
5/17/2002	IDSW	102	102	High 12 hr avg = 114.4% TDG with 84 to 40 KCFS. They were spill the river. Compensation depth problem due to brobe line problem.
5/17/2002	IHR	102	102	113% TDG
5/17/2002	JDA	150	150	High 12 hr avg = 113.5% TDG
5/17/2002	JHAW	150	150	118% TDG with 126 to 144 KCFS which was 60% of river for fish test
5/17/2002	LGNW	38	36	111% TDG with 24 KCFS required fir fish test. 38KCFS spill generated 119+ % TDG Going to gas cap today
5/17/2002	LGS	44	44	119% TDG with 44 KCFS
5/17/2002	LMN	0	0	High 12 hr avg = 13.7% TDG
5/17/2002	LWG	38	36	106% TDG
5/17/2002	MCPW	120	140	High 12 hr avg = 118.0% TDG with 119KCFS spill. We increased spill from 120 to 125, but Steve Rainey, NMFS requested change from 125 to 140, so we did.
5/17/2002	MCQO	120	125	High 12 hr avg = 112.5% TDG
5/17/2002	MCQW	120	125	High 12 hr avg = 113.6% TDG
5/17/2002	TDDO	110	110	118% TDG with 68 to 88 KCFS, which was 40% of river called for in BiOp
5/17/2002	WRNO	120	115	High 12 hr avg = 117.4% TDG with 120 KCFS but CWMW was over 115%
5/18/2002	BON	110	110	114 % TDG
5/18/2002	CWMW	110	110	116% TDG EXCEEDANCE. No change because BON spill reduced to 75 daytime spill and cooler weather today and forecasted for tomorrow.

5/18/2002	IDSW	102	102	113% TDG. They are spilling the entire river
5/18/2002	IHR	102	102	113% TDG.
5/18/2002	JDA	155	155	110% TDG
5/18/2002	JHAW	155	155	118+ % TDG. They are going from 60% spill nighttime to 30%/ 30% today
5/18/2002	LGNW	36	40	117% TDG. Going from spill at gas cap to RSW + 8 tomorrow.
5/18/2002	LGS	44	44	110% TDG.
5/18/2002	LGSW	44	44	119% TDG.
5/18/2002	LMN	0	0	114% TDG.
5/18/2002	MCPW	140	145	118+ % TDG
5/18/2002	MCQO	140	145	115% TDG
5/18/2002	MCQW	140	145	114% TDG
5/18/2002	TDA	110	110	110% TDG
5/18/2002	TDDO	110	110	119+ % TDG
5/18/2002	WRNO	110	110	117+ % TDG Going from spill at cap to 75 KCFS daytime spill today
5/19/2002	BON	110	100	Highest 12 hr avg = 114.8% TDG
5/19/2002	CWMW	110	100	Highest 12 hr avg = 115.8% TDG EXCEEDANCE
5/19/2002	IDSW	102	102	115% TDG with 45 to 91 KCFS spill, which was the entire river
5/19/2002	IHR	102	102	114% TDG
5/19/2002	JDA	155	155	Highest 12 hr avg = 111.1% TDG
5/19/2002	JHAW	155	155	118% TDG w/69 KCFS, which is 30% of river as called for fish test
5/19/2002	LGNW	40	40	119 % TDG with 40 KCFS spill. Fish test calls for RSW + 16.
5/19/2002	LGS	44	44	112 % TDG
5/19/2002	LGSW	44	44	119 % TDG with 44 KCFS spill.
5/19/2002	LMN	0	0	Highest 12 hr avg = 115.9 % TDG EXCEEDANCE
5/19/2002	LMNW	0	0	115% TDG
5/19/2002	LWG	40	40	104 % TDG
5/19/2002	MCPW	145	140	Highest 12 hr avg = 118.3% TDG w/145 KCFS, but TDA is too high
5/19/2002	MCQO	145	140	Highest 12 hr avg = 114.2% TDG
5/19/2002	MCQW	145	140	Highest 12 hr avg = 113.3% TDG
5/19/2002	TDA	110	110	Highest 12 hr avg = 115.8% TDG EXCEEDANCE
5/19/2002	TDDO	110	110	Highest 12 hr avg = 119.2% TDG w/63 to 80 KCFS, which is 40% of river
5/19/2002	WRNO	110	100	Highest 12 hr avg = 117.7% TDG
5/20/2002	BON	100	90	Highest 12 hr avg = 115.7% TDG EXCEEDANCE
5/20/2002	CWMW	100	90	Highest 12 hr avg = 114.4% TDG
5/20/2002	IDSW	102	102	116% TDG w/44 to 102 KCFS, which was all of the river

5/20/2002	IHR	102	102	Highest 12 hr avg = 115.5% TDG
5/20/2002	JDA	155	155	Highest 12 hr avg = 113.8% TDG
5/20/2002	JHAW	155	85	119% TDG. Switching to spill of 30%/30% for fish test.
5/20/2002	LGNW	40	40	108% TDDG w/16 KCFS, which is required for fish test
5/20/2002	LGS	44	38	Highest 12 hr avg = 113.4% TDG
5/20/2002	LGSW	44	38	119% TDG w/ 44 KCFS, but LMN is too high
5/20/2002	LMN	0	0	Highest 12 hr avg = 117.1% TDG EXCEEDANCE
5/20/2002	LMNW	0	0	Highest 12 hr avg = 116.0% TDG
5/20/2002	LWG	40	40	104 % TDG
5/20/2002	MCPW	140	145	Highest 12 hr avg = 118.5% TDG w/140 KCFS
5/20/2002	MCQO	140	140	114% TDG
5/20/2002	MCQW	140	145	Highest 12 hr avg = 115.9% TDG EXCEEDANCE
5/20/2002	TDA	110	110	Highest 12 hr avg = 112.9% TDG
5/20/2002	TDDO	110	110	Highest 12 hr avg = 118.9% TDG w/74 to 100 KCFS (40% of river)
5/20/2002	WRNO	100	90	Highest 12 hr avg = 119.0% TDG w/100 KCFS
5/21/2002	BON	90	100	115% TDG
5/21/2002	CWMW	90	100	114% TDG
5/21/2002	IDSW	102	102	119% TDG
5/21/2002	IHR	102	102	114% TDG
5/21/2002	JDA	85	85	113% TDG
5/21/2002	JHAW	85	85	119% TDG
5/21/2002	LGNW	40	40	116% TDG w/ 40 KCFS. Spilled to 40 KCFs instead of to Fish test of RSW+8.
5/21/2002	LGS	38	38	108 % TDG
5/21/2002	LGSW	38	38	116% TDG. Working to keep LMN below 115%
5/21/2002	LMN	0	0	Highest 12 hr avg = 116.2% TDG EXCEEDANCE
5/21/2002	LMNW	0	0	115% TDG
5/21/2002	LWG	40	40	103 % TDG
5/21/2002	MCPW	145	145	119% TDG
5/21/2002	MCQO	145	145	113% TDG
5/21/2002	MCQW	145	145	113% TDG
5/21/2002	TDA	85	85	111% TDG
5/21/2002	TDDO	85	85	117% TDG to reduce BON TDG
5/21/2002	WRNO	90	100	118% TDG will start 24 hr spill cap tomorrow
5/22/2002	BON	100	110	High 12 hr = 112.0 TDG
5/22/2002	CWMW	100	110	High 12 hr = 112.6 % TDG

5/22/2002	IDSW	102	102	119% TDG w/101 KCFS. Spill between 94 101, which was entire river.
5/22/2002	IHR	102	102	High 12 hr = 113.7% TDG
5/22/2002	JDA	85	155	112% TDG
5/22/2002	JHAW	85	155	Switching to spilling 0 day and 60% at night
5/22/2002	LGNW	40	45	116% TDG w/ 40 KCFS and LGS was 110%. Spilling to 40 KCFS instead of fish test levels because of high flow
5/22/2002	LGS	38	38	110% TDG
5/22/2002	LGSW	38	38	High 12 hr = 115.7% TDG w/38KCFS, but LMN is 114.8%
5/22/2002	LWG	40	45	102 % TDG
5/22/2002	MCPW	145	150	119% TDG with 145 KCFS. Tot flow = 300+ Cooler weather and higher winds.
5/22/2002	MCQO	145	150	111% TDG
5/22/2002	MCQW	145	150	112% TDG
5/22/2002	TDA	85	100	High 12 hr = 110.1% TDG
5/22/2002	TDDO	85	100	High 12 hr = 116.4% TDG
5/22/2002	WRNO	100	110	High 12 hr = 112.0 TDG with 75 to 100 CKFS spill
5/23/2002	BON	150	150	High 12 hr avg = 109.9% TDG
5/23/2002	CWMW	150	150	High 12 hr avg = 110.4 % TDG
5/23/2002	IDSW	102	102	High 12 hr avg = 119.+% TDG with 102 KCFS, which was entire river
5/23/2002	IHR	102	102	High 12 hr avg = 111.7% TDG
5/23/2002	JDA	155	155	High 12 hr avg = 109.4% TDG
5/23/2002	JHAW	155	155	119.+% TDG with 155 KCFS
5/23/2002	LGNW	45	55	116.5% TDG with 45 kcfs. They are not spilling to fish test because of high flows
5/23/2002	LGS	38	38	107% TDG
5/23/2002	LGSW	38	38	115% TDG with 38 KCFS at night. Didn't change to see if 115% carried to LMN.
5/23/2002	LMN	0	0	High 12 hr avg = 111.4% TDG
5/23/2002	LMNW	0	0	High 12 hr avg = 111.4% TDG
5/23/2002	LWG	45	55	101% TDG
5/23/2002	MCPW	150	180	118% with 150 KCFS; 4 bay will be opened. 2 changes: first to 170 then 180.
5/23/2002	MCQO	150	180	High 12 hr avg = 109.1% TDG
5/23/2002	MCQW	150	180	High 12 hr avg = 109.2% TDG
5/23/2002	TDA	100	120	High 12 hr avg = 108.7% TDG
5/23/2002	TDDO	100	120	115% TDG with 100 KCFS
5/23/2002	WRNO	150	150	116% TDG with 150 KCFS. Wanted to see if it carried to CWMW
5/24/2002	BON	155	147	111% TDG
5/24/2002	CWMW	155	147	High 12 hr avg = 115.9 % TDG. EXCEEDANCE

5/24/2002	IDSW	102	102	119+% TDG with 101 KCFS
5/24/2002	IHR	102	102	110% TDG
5/24/2002	JDA	180	180	108% TDG
5/24/2002	JHAW	180	180	119+% TDG with 155 KCFS
5/24/2002	LGNW	55	55	111% TDG w/24 KCFS, which is required for fish test
5/24/2002	LGS	38	48	109% TDG
5/24/2002	LGSW	38	48	115% TDG w/ 38 KCFS
5/24/2002	LMN	0	0	High 12 hr avg. = 110.9 % TDG
5/24/2002	LMNW	0	0	110% TDG
5/24/2002	LWG	55	55	102% TDG
5/24/2002	MCPW	180	180	119+% TDG with 180 KCFS
5/24/2002	MCQO	180	180	110% TDG
5/24/2002	MCQW	180	180	111% TDG
5/24/2002	TDA	120	115	114% TDG
5/24/2002	TDDO	120	115	119+% TDG with 110 KCFS
5/24/2002	WRNO	155	147	119+% TDG with 155 KCFS, but CWMW is 115.9 % TDG
5/25/2002	BON	147	130	115+ % TDG EXCEEDANCE
5/25/2002	CWMW	147	130	117+ % TDG
5/25/2002	IDSW	102	102	119% TDG
5/25/2002	IHR	102	102	111% TDG
5/25/2002	JDA	155	155	109% TDG
5/25/2002	JHAW	155	155	119% TDG which was less than 60% night spill
5/25/2002	LGNW	55	55	112% TDG spilling at RSW + 16. Going to Gascap today
5/25/2002	LGS	43	43	113% TDG
5/25/2002	LGSW	43	43	117% TDG but early 5/25 readings of 119%
5/25/2002	LMN	0	0	114% TDG
5/25/2002	LMNW	0	0	113% TDG
5/25/2002	LWG	55	55	104% TDG
5/25/2002	MCPW	180	170	119+ % TDG
5/25/2002	MCQO	180	170	111% TDG
5/25/2002	MCQW	180	170	113% TDG
5/25/2002	TDA	155	155	114% TDG
5/25/2002	TDDO	155	155	119+ % TDG and BON forebay over 115%
5/25/2002	WRNO	147	130	119+ % TDG
5/26/2002	BON	130	130	116 % TDG

5/26/2002	CWMW	130	130	117+ % TDG
5/26/2002	IDSW	102	102	117 % TDG while spilling entire river flow at 95 KCFS
5/26/2002	IHR	102	102	111 % TDG
5/26/2002	JDA	155	155	108 TDG
5/26/2002	JHAW	155	155	118 % TDG at 60% spill- going to 30% today
5/26/2002	LGNW	40	45	118+ % TDG
5/26/2002	LGS	38	38	114 % TDG
5/26/2002	LGSW	38	38	116 % TDG but LMN forebay was 115% TDG
5/26/2002	LMN	0	0	115+ % TDG
5/26/2002	LMNW	0	0	114 % TDG
5/26/2002	LWG	40	45	105% TDG
5/26/2002	MCPW	170	175	118 % TDG
5/26/2002	MCQO	170	175	114 % TDG
5/26/2002	MCQW	170	175	114 % TDG
5/26/2002	TDA	100	100	114 % TDG
5/26/2002	TDDO	100	100	119 % TDG
5/26/2002	WRNO	130	130	118 % TDG
5/27/2002	BON	130	130	116 % TDG
5/27/2002	CWMW	130	130	118% TDG. 75 KCFS wate rarriving at CWMW gas levels dropping below 115%
5/27/2002	IDSW	102	102	117 % TDG Spilling entire river at 90 KCFS. If freshet over, drop cap tomorrow
5/27/2002	IHR	102	102	112 % TDG
5/27/2002	JDA	155	75	110 % TDG
5/27/2002	JHAW	155	75	119 % TDG Went to 30% day/night spill on May 26
5/27/2002	LGNW	45	45	119+ %TDG went to RSW + 8 today
5/27/2002	LGS	38	38	111 % TDG
5/27/2002	LGSW	38	38	116+ % TDG. LMN is over 115% TDG. Holding to watch LMN
5/27/2002	LMN	0	0	116 % TDG
5/27/2002	LMNW	0	0	116 % TDG
5/27/2002	LWG	45	45	106 % TDG
5/27/2002	MCPW	175	180	118 % TDG
5/27/2002	MCQO	175	180	115 % TDG
5/27/2002	MCQW	175	180	114+ % TDG
5/27/2002	TDA	100	90	115 % TDGWill reduce since JHAW to 30%/30
5/27/2002	TDDO	100	90	119 % TDG Drop because BON is 116+
5/27/2002	WRNO	130	130	118% TDG went to 75 KCFS daytime spill May 26

5/28/2002	BON	130	130	High 12 hr avg = 116.6 % TDG EXCEEDANCE
5/28/2002	CWMW	130	130	High 12 hr avg = 116.0 % TDG EXCEEDANCE
5/28/2002	IDSW	102	102	119% TDG w/101 KCFS. They were spilling entire river
5/28/2002	IHR	102	102	114.9 % TDG
5/28/2002	JDA	75	85	114% TDG
5/28/2002	JHAW	75	85	High 12 hr avg = 119.5 % TDG with 75 KCFS.
5/28/2002	LGNW	45	45	108% TDG w/16 KCFS, which is called for in fish test
5/28/2002	LGS	38	38	111%TDG
5/28/2002	LGSW	38	38	117% TDG with 38 KCFS spill
5/28/2002	LMN	0	0	High 12 hr avg = 117.7 % TDG. EXCEEDANCE
5/28/2002	LMNW	0	0	117% TDG
5/28/2002	LWG	45	45	106% TDG
5/28/2002	MCPW	180	180	119.5 % TDG w/180 KCFS.
5/28/2002	MCQO	180	180	115% TDG
5/28/2002	MCQW	180	180	High 12 hr avg = 115.5 % TDG. EXCEEDANCE
5/28/2002	TDA	90	85	112% TDG
5/28/2002	TDDO	90	85	High 12 hr avg = 118.2 % TDG with 85 KCFS
5/28/2002	WRNO	130	130	115.5% TDG with 130 KCFS, but expect CWMW to come down.
5/29/2002	BON	130	130	High 12 Hr Avg = 115.6% TDG Exceedance There were high flows
5/29/2002	CWMW	130	130	High 12 Hr Avg = 114.8% TDG
5/29/2002	IDSW	102	102	119% TDG with 102 KCFS, which was entire river
5/29/2002	IHR	102	102	High 12 Hr Avg = 115.0% TDG
5/29/2002	JDA	85	75	High 12 Hr Avg = 114.6% TDG
5/29/2002	JHAW	85	75	High 12 Hr Avg = 120.2% TDG w/ 77.5 KCFS spill Exceedance
5/29/2002	LGNW	45	42	111% TDG with 24 KCFS, which fish test calls for
5/29/2002	LGS	38	38	111% TDG
5/29/2002	LGSW	38	38	116% TDG with 38 KCFS
5/29/2002	LMN	0	0	High 12 Hr Avg = 115.4% TDG Exceedance
5/29/2002	LWG	45	42	103% TDG
5/29/2002	MCPW	180	160	High 12 Hr Avg = 120.9% TDG Exceedance. First decreased spill to 170, then to 160.
5/29/2002	MCQO	180	160	114% TDG
5/29/2002	MCQW	180	160	High 12 Hr Avg = 115.1% TDG Exceedance
5/29/2002	TDA	85	80	113% TDG
5/29/2002	TDDO	85	80	118% TDG with 85 KCFS, total flow = 280 - 300 KCFS
5/29/2002	WRNO	130	130	High 12 Hr Avg = 115.0% TDG

5/30/2002	BON	130	130	High 12 Hr. avg = 115.4 EXCEEDANCE
5/30/2002	CWMW	130	130	115% TDG
5/30/2002	IDSW	102	102	High 12 hr avg = 118.8
5/30/2002	IHR	102	102	114% TDG
5/30/2002	JDA	75	160	114% TDG
5/30/2002	JHAW	75	160	120+ % TDG EXCEEDANCE Going to 60% day/night spill today
5/30/2002	LGNW	42	42	119% TDG Spill going to RSW + 16 tomorrow
5/30/2002	LGS	36	38	115% TDG
5/30/2002	LMN	0	0	114% TDG
5/30/2002	LMNW	0	0	113% TDG
5/30/2002	LWG	42	42	103% TDG
5/30/2002	MCPW	160	160	120+ % TDG EXCEEDANCE
5/30/2002	MCQO	160	160	113% TDG
5/30/2002	MCQW	160	160	113% TDG
5/30/2002	TDA	85	75	113% TDG
5/30/2002	TDDO	85	75	118+ % TDG because of BON TDG level above 115%. Need policy advice.
5/30/2002	WRNO	130	130	115% TDG levels. Need policy advice whether to regulate spill to 1 or 2 projects downstream.
5/31/2002	IDSW	102	102	120% TDG 120% level=102 KCFS
5/31/2002	JHAW	250	250	Uncontrolled spill at 125% level began because of high flows. 120% level=155 KCFS.
5/31/2002	LGNW	85	85	Uncontrolled spill at 125% level began because of high flows. 120% level=42KCFS
5/31/2002	LGSW	70	70	Uncontrolled spill at 125% level began because of high flows.120% level=38KCFS
5/31/2002	MCPW	230	230	Uncontrolled spill at 125% level began because of high flows. 120% level=160 KCFS
5/31/2002	TDDO	200	200	Uncontrolled spill at 125% level began because of high flows. 120% level=75 KCFS
5/31/2002	WRNO	200	200	Uncontrolled spill at 125% level began because of high flows. 120% level=120 KCFS
6/1/2002	IDSW	120	120	120+ % TDG 120% level= 98
6/1/2002	JHAW	250	250	119+ % TDG 120% level= 155
6/1/2002	LGNW	85	85	124% TDG at 60 KCFS. 120% level= 42
6/1/2002	LGSW	70	70	116% TDG. 120% level= 38
6/1/2002	LMNW	0	0	Uncontrolled spill at 15-17 KCFS began because of high flows.
6/1/2002	MCPW	230	230	120+ % TDG 120% level= 150
6/1/2002	TDDO	200	200	119+ % TDG 120% level= 155
6/1/2002	WRNO	200	200	113+ % TDG 120% level= 120
6/2/2002	IDSW	120	120	120% TDG with 119 KCFS spill. 120% level = 98
6/2/2002	JHAW	250	250	121+ % TDG 120% level = 155
6/2/2002	LGNW	85	85	122% TDG with 60 KCFS spill. 120% level = 42

6/2/2002	LGSW	70	70	118% TDG with 75 KCFS spill. 120% level = 38
6/2/2002	LMNW	0	0	114% TDG with 16 KCFS spill. 120% level = 0 (safety issue so no spill is desired)
6/2/2002	MCPW	230	230	122% TDG with 190 KCFS spill. 120% level = 150
6/2/2002	TDDO	200	200	118+ % TDG with 60 KCFS spill. 120% level = 75
6/2/2002	WRNO	200	200	114% TDG with 60 KCFS spill. 120% level = 120
6/3/2002	CHQW	16	15	High 12 hr avg = 126.9% TDG. 120% TDG gas cap level = 13.
6/3/2002	CWMW	200	250	118% TDG
6/3/2002	IDSW	120	120	123+ % TDG with 120 KCFS spill.120% TDG gas cap level = 98
6/3/2002	JHAW	250	250	120+ % TDG with 155 KCFS spill.120% TDG gas cap level = 155. No change because they are spilling to fish test levels
6/3/2002	LGNW	85	85	122% TDG with 60 KCFS spill.120% TDG gas cap level = 42.
6/3/2002	LGS	70	75	118+% TDG
6/3/2002	LGSW	70	75	123+ % TDG with 70 KCFS spill.120% TDG gas cap level = 38
6/3/2002	LMN	16	16	116+ % TDG
6/3/2002	LMNW	16	16	116+ % TDG with 16 KCFS spill
6/3/2002	LWG	85	85	105% TDG
6/3/2002	MCPW	230	230	119+ % TDG with 150 KCFS spill.120% TDG gas cap level = 150
6/3/2002	MCQO	230	230	116% TDG
6/3/2002	MCQW	230	230	115% TDG
6/3/2002	TDDO	200	240	120+ % TDG with 200 KCFS spill.120% TDG gas cap level = 120. The 130% TDG cap = 260.
6/3/2002	WRNO	200	230	120+ % TDG with 200 KCFS spill.120% TDG gas cap level = 120. The 130% TDG cap = 250.
6/4/2002	OVERVIEW	0	0	There was a fire near the DC intertie line in California. The DC intertie was derated, then take out of service. This caused higher spill and TDG levels
6/4/2002	CHQW	15	15	112% TDG with 15 KCFS.
6/4/2002	CWMW	230	220	117% TDG
6/4/2002	IDSW	120	120	120+ % TDG 120% gas cap = 98 Spilled to 125% for 2 hr.120% gas cap = 95
6/4/2002	JHAW	250	250	120+ % TDG. 120% gas cap = 145
6/4/2002	LGNW	85	85	122+ % TDG with 60 KCFS. 120% gas cap = 42
6/4/2002	LGSW	75	75	118+ % TDG with 38KCFS. 120% gas cap = 38
6/4/2002	LMNW	0	0	117+ % TDG They are spilling 15 KCFS
6/4/2002	MCPW	230	230	120+ % TDG with 150 KCFS. 120% gas cap = 140
6/4/2002	TDDO	240	240	120+ % TDG. 120% gas cap = 120
6/4/2002	WRNO	230	220	116% TDG 126+ % TDG with 230 KCFS. 120% gas cap = 42
6/5/2002	OVERVIEW	0	0	The AC overtie line was derated because of the Bridger and Boardmen power plants (coal fired) were not running because the price for hydro energy was so cheap that they can buy energy for less than they can make it.

6/5/2002	CHQW	15	24	112% TDG. Now spilling 16 instead of 8 gates. 120% gas cap = 18 instead of 13.
6/5/2002	CWMW	220	220	123+ % TDG
6/5/2002	IDSW	120	120	120+ % TDG with 120 KCFS. 120% gas cap = 95. 123% TDG for 1 hrs
6/5/2002	JHAW	250	250	123+ % TDG with 250 KCFS. 120% gas cap = 38. 125+% TDG for 2 hrs
6/5/2002	LGNW	85	90	124+ % TDG with 115 KCFS. 120% gas cap = 42.
6/5/2002	LGSW	75	80	123+ % TDG with 75 KCFS. 120% gas cap = 38. 127% TDG for 4 hrs
6/5/2002	LMNW	0	0	118+ % TDG with 25 KCFS spill
6/5/2002	MCPW	230	230	124+ % TDG with 230 KCFS. 120% gas cap = 140.
6/5/2002	TDDO	240	230	120+ % TDG with 120 KCFS. 120.9 % TDG with 240 KCFS. 120% gas cap = 110 instead of 120.
6/5/2002	WRNO	220	220	124+ % TDG with 230 KCFS. 120% gas cap = 120. 125+% TDG for 7 hrs
6/6/2002	CHQW	24	30	120% TDG with 24 KCFS. Marian Valetine's email requesting high spill. New spill patterns being used. 120% gas cap= 24 instead of 18.
6/6/2002	CWMW	220	220	122+ % TDG 125+% TDG for 2 hours.
6/6/2002	IDSW	120	125	123+ % TDG w/120 KCFS, which was entire river. 120% gas cap= 95
6/6/2002	JHAW	250	250	124+ % TDG w/250 KCFS. 120% gas cap= 145
6/6/2002	LGNW	90	90	122+ % TDG w/90 KCFS. Close the RSW and TDG will increas from 123 to 125%. 120% gas cap= 42
6/6/2002	LGSW	80	80	High 12 hr avg = 125.0 % TDG w/80 KCFS. 125+% TDG for 4 hours. 120% gas cap= 38
6/6/2002	LMN	0	0	High 12 hr. avg = 120.3% TDG
6/6/2002	MCPW	230	230	123+ % TDG w/230 KCFS. 120% gas cap= 140
6/6/2002	TDDO	230	230	122+ % TDG w/230 KCFS. 120% gas cap= 110
6/6/2002	WRNO	220	220	125 - 127+ % TDG w/250 KCFS. 120% gas cap= 120 High 12 hr avg = 125.3 % TDG
6/7/2002	BON	210	215	116 % TDG
6/7/2002	CHQW	18	30	117 % TDG. 125% gas cap = 33 instead of 24.
6/7/2002	CWMW	210	215	121 % TDG
6/7/2002	DWQI	0	0	110+ % TDG for 6 hours with max. of 113.8%.
6/7/2002	IDSW	125	125	121 % TDG with 100-110 KCFS, which was entire river. 120% gas cap = 95
6/7/2002	IHR	125	125	High 12 hr avg = 115.6% TDG
6/7/2002	JDA	250	250	109% TDG
6/7/2002	JHAW	250	250	124.6 % TDG with 250 KCFS 120% gas cap = 145
6/7/2002	LGNW	90	90	124+ % TDG with 90 KCFS. 120% gas cap = 42 Total flow = 110-115 KCFS
6/7/2002	LGS	80	80	High 12 hr avg = 115.3% TDG
6/7/2002	LGSW	80	80	124+ % TDG with 80 KCFS. 120% gas cap = 38 Total flow = 100-120 KCFS
6/7/2002	LMN	0	0	High 12 hr avg = 119.4% TDG
6/7/2002	LMNW	0	0	High 12 hr avg = 118.6% TDG
6/7/2002	LWG	90	90	104% TDG. 120% gas cap = 42

6/7/2002	MCPW	230	230	124 % TDG with 230 KCFS tot flow=360-400 KCFS 120% gas cap = 140
6/7/2002	MCQO	230	230	High 12 hr avg = 113.7% TDG
6/7/2002	MCQW	230	230	High 12 hr avg = 113.0% TDG
6/7/2002	TDA	230	250	High 12 hr avg = 117.7% TDG 120% gas cap = 110
6/7/2002	TDDO	230	250	119 % TDG with 230 KCFS 120% gas cap = 110
6/7/2002	WRNO	210	215	123 % TDG with 210 KCFS 120% gas cap = 110
6/8/2002	GCL	30	42	Grand Coulee spilled for 16 hr at 20 to 30 KCFS, producing 113.9 % TDG. 115% gas cap = 32 instead of 25; 125% gas cap = 50 instead of 42.
6/8/2002	IDSW	95	95	
6/8/2002	JHAW	145	145	
6/8/2002	LGNW	42	42	
6/8/2002	LGSW	38	38	
6/8/2002	LMNW	0	0	
6/8/2002	MCPW	140	140	
6/8/2002	TDDO	110	110	
6/8/2002	WRNO	120	120	
6/8/2002	OVERVIEW	0	0	The DC intertie line was repaired and back in service. AC intertie line is still derated because of coal burning power plants not operating.
6/9/2002	BON	215	205	113% TDG
6/9/2002	CHQW	28	28	121% TDG with 28 KCFS. 125% gas cap = 33
6/9/2002	CWMW	215	205	High 12 hr. avg = 119.7% TDG
6/9/2002	GCL	42	42	116% TDG with 42 KCFS for 10 hrs. 115% gas cap = 32; 125% gas cap = 50
6/9/2002	IDSW	95	95	118% TDG with 95 KCFS. Involuntary spill discontinued.
6/9/2002	IHR	125	125	117% TDG
6/9/2002	JDA	250	250	111% TDG
6/9/2002	JHAW	250	240	125+ % TDG with 249 KCFS for 4 hrs. 120% gas cap = 145 KCFS.
6/9/2002	LGNW	42	42	116% TDG with 41 KCFS. Tot. flow = 95 KCFS. Involuntary spill discontinued.
6/9/2002	LGS	38	38	116% TDG
6/9/2002	LGSW	38	38	116% TDG with 38 KCFS. Involuntary spill discontinued.
6/9/2002	LMN	0	0	121% TDG, then dropped to 113%. High gassed water is coming through.
6/9/2002	LWG	42	42	103% TDG
6/9/2002	MCPW	230	230	124% TDG with 230 KCFS. Tot. flow= 400 120% gas cap = 140 KCFS.
6/9/2002	MCQO	230	230	113% TDG
6/9/2002	MCQW	230	230	112% TDG
6/9/2002	TDA	250	250	113% TDG
6/9/2002	TDDO	250	250	120+ % TDG with 250 KCFS for 4 hrs. 120% gas cap = 110 KCFS.

6/9/2002	WRNO	215	205	128+ % TDG with 213 KCFS. Tot. flow= 315 120% gas cap = 120 KCFS.
6/9/2002	LMNW	0	0	121% TDG, then dropped to 113%. High gassed water is coming through.
6/10/2002	BON	205	205	114% TDG
6/10/2002	CHQW	28	25	120+ % TDG with 28 KCFS 125% gas cap = 33
6/10/2002	CWMW	205	205	High 12 hr. avg = 119.6 % TDG
6/10/2002	IDSW	95	95	118+ % TDG with 95 KCFS, which was entire river 125% gas cap = 125
6/10/2002	IHR	95	95	High 12 hr. avg = 117.0% TDG
6/10/2002	JDA	240	240	112% TDG
6/10/2002	JHAW	240	240	125+ % TDG with 250 KCFS for 3 hrs. 120% gas cap = 145
6/10/2002	LGNW	42	42	116+ % TDG with 24 KCFS 125% gas cap = 90 They were spilling to fix the intertie line between 5 and 7
6/10/2002	LGS	38	38	112+ % TDG
6/10/2002	LGSW	38	38	116+ % TDG with 38 KCFS 125% gas cap = 80
6/10/2002	LMN	0	0	High 12 hr. avg = 117.0% TDG
6/10/2002	LMNW	0	0	High 12 hr. avg = 116.5% TDG
6/10/2002	LWG	42	42	103 % TDG
6/10/2002	MCPW	230	230	121+ % TDG with 160 KCFS, 120% gas cap = 140
6/10/2002	MCQO	230	230	High 12 hr. avg = 113.4% TDG
6/10/2002	MCQW	230	230	High 12 hr. avg = 113.3% TDG
6/10/2002	TDA	250	250	High 12 hr. avg = 115.6% TDG
6/10/2002	TDDO	250	250	120+ % TDG with 250 KCFS for 5 hrs. 120% gas cap = 145
6/10/2002	WRNO	205	205	125+% TDG with 213 KCFS for 7 hrs. 3 hrs of 128+% 120% gas cap = 120
6/11/2002	BON	120	100	High 12 hr. avg = 115.2% TDG
6/11/2002	CHQW	33	33	120 to 123% TDG with 35 KCFS. 120% gas cap = 25 KCFS
6/11/2002	CWMW	120	100	High 12 hr. avg = 115.4% TDG
6/11/2002	IDSW	95	95	117% TDG with 94 KCFS, which was entire river.
6/11/2002	IHR	95	95	117% TDG
6/11/2002	JDA	145	145	112% TDG
6/11/2002	JHAW	145	145	119% TDG with 144 KCFS. Switching to 30%/30% for fish test
6/11/2002	LGNW	90	90	121% TDG with 63-75 KCFS. Spilling above the 120% gas cap for Iso phase Buss repair. 120% gas cap = 42
6/11/2002	LGS	38	38	114% TDG
6/11/2002	LGSW	38	38	116% TDG with 38 KCFS.
6/11/2002	LMN	0	0	High 12 hr. avg = 115.7% TDG
6/11/2002	LWG	90	90	102% TDG Spilling above the 120% gas cap for Iso phase Buss repair. 120% gas cap = 42
6/11/2002	MCPW	230	230	120+% TDG with 170 KCFS for 5 hrs. 120% gas cap = 155 instead of 140.

6/11/2002	MCQO	230	230	High 12 hr. avg = 115.9% TDG
6/11/2002	MCQW	230	230	High 12 hr. avg = 115.4% TDG
6/11/2002	TDA	110	110	113% TDG
6/11/2002	TDDO	110	110	High 12 hr. avg = 119.0% TDG
6/11/2002	WRNO	120	100	120+% TDG with 119 KCFS. Spill switches to 75 KCFS during day for fish test
6/12/2002	OVERVIEW	0	0	Long term action is installation of flow deflectors # of BON; MCN; IHR; in 1997-#deflectors w/spill out. in 2002-#deflectors w/spill out.
6/12/2002	BON	205	205	High 12 hr. avg = 117.0 % TDG
6/12/2002	CHQW	25	25	120+% TDG w/30 KCFS for 5 hrs.
6/12/2002	CWMW	205	205	High 12 hr. avg = 117.3 % TDG
6/12/2002	DWQI	0	0	110+ % TDG for 4 hrs. 108% TDG otherwise
6/12/2002	IDSW	95	95	114% TDG with 44-86 KCFS, which was entire river
6/12/2002	IHR	95	95	High 12 hr. avg = 115.6 % TDG
6/12/2002	JDA	145	135	High 12 hr. avg = 115.3 % TDG
6/12/2002	JHAW	145	135	119.7% TDG with 140 KCFS and TDA was in exceedance
6/12/2002	LGNW	42	42	119% TDG with 42 KCFS
6/12/2002	LGS	38	33	112% TDG
6/12/2002	LGSW	38	33	116% TDG with 38 KCFS and LMN is in exceedance
6/12/2002	LMN	0	0	High 12 hr. avg = 116.5 % TDG
6/12/2002	LWG	42	42	102 % TDG
6/12/2002	MCPW	230	230	122% TDG with 184 KCFS for 16 hrs. 120% gas cap = 155
6/12/2002	MCQO	230	230	High 12 hr. avg = 116.1 % TDG
6/12/2002	MCQW	230	230	High 12 hr. avg = 115.4 % TDG
6/12/2002	TDA	110	100	High 12 hr. avg = 115.3 % TDG
6/12/2002	TDDO	110	100	119+% TDG with 110 KCFS and BON was in exceedance
6/12/2002	WRNO	205	205	125+% TDG with 180 KCFS for 13 hrs. 5 hrs. over 125% TDG
6/13/2002	BON	205	205	High 12 hr. avg = 117.9 % TDG 120% gas cap = 100
6/13/2002	CWMW	205	205	High 12 hr. avg = 119.4 % TDG
6/13/2002	IDSW	95	95	115% TDG with 75 KCFS, which was entire river
6/13/2002	IHR	95	95	High 12 hr. avg = 115.6% TDG
6/13/2002	JDA	135	85	High 12 hr. avg = 116.0% TDG
6/13/2002	JHAW	135	85	120+ % TDG with 100 KCFS, which was 30% of the river.
6/13/2002	LGNW	42	38	120.5% TDG with 42 KCFS and warm weather
6/13/2002	LGS	33	30	High 12 hr. avg = 115.3% TDG
6/13/2002	LGSW	33	30	116% TDG with 33 KCFS

6/13/2002	LMN	0	0	High 12 hr. avg = 117.9% TDG
6/13/2002	LWG	42	38	104% TDG
6/13/2002	MCPW	155	150	Gage was malfunctioning. Reading 112 to 79 % TDG. TDG levels at JDA 115+
6/13/2002	MCQO	155	150	High 12 hr. avg = 118.4% TDG. Gassed water (118% TDG) from Pasco is coming down.
6/13/2002	MCQW	155	150	High 12 hr. avg = 118.1% TDG
6/13/2002	TDA	100	90	High 12 hr. avg = 115.2% TDG
6/13/2002	TDDO	100	90	119%TDG with 100 KCFS. BON TDG leve is above 115%.
6/13/2002	WRNO	205	205	119+ % TDG with 143 KCFS. Involuntary Spill. 120% gas cap = 100
6/14/2002	BON	100	100	High 12 hr. avg = 118.1 % TDG
6/14/2002	CWMW	100	100	High 12 hr. avg = 117.2 % TDG
6/14/2002	IDSW	95	95	113-117% TDG with 44 to 95 KCFS, which was entire river
6/14/2002	IHR	95	95	High 12 hr. avg = 117.0 % TDG
6/14/2002	JDA	85	75	High 12 hr. avg = 116.8 % TDG
6/14/2002	JHAW	85	75	High 12 hr. avg = 120.1 % TDG
6/14/2002	LGNW	38	33	119% TDG with 38 KCFS, but LGS is too high
6/14/2002	LGS	30	25	High 12 hr. avg = 117.3 % TDG
6/14/2002	LGSW	30	25	115% TDG with 30 KCFS but LMN is too high
6/14/2002	LMN	0	0	High 12 hr. avg = 117.1 % TDG
6/14/2002	LWG	38	33	107% TDG
6/14/2002	MCPW	150	150	120% TDG with 150 KCFS. 125% gas cap = 230
6/14/2002	MCQO	150	150	High 12 hr. avg = 117.9 % TDG High gassed water (118% TDG) coming from Pasco.
6/14/2002	MCQW	150	150	High 12 hr. avg = 117.9 % TDG High gassed water (118% TDG) coming from Pasco.
6/14/2002	TDA	90	80	High 12 hr. avg = 115.8 % TDG
6/14/2002	TDDO	90	80	High 12 hr. avg = 119.5 % TDG, but BON is too high
6/14/2002	WRNO	100	100	High 12 hr. avg = 119.2 % TDG 125% gas cap = 205. 119+ % TDG with 100
6/15/2002	BON	100	100	117+% TDG
6/15/2002	CHQW	33	33	115% TDG. Spilled for 4 hrs.
6/15/2002	CWMW	100	100	118% TDG. Want one more day to see if cooler weather helps drop TDG levels.
6/15/2002	IDSW	95	95	115+% TDG with 88 KCFS, which was entire river
6/15/2002	IHR	95	95	117% TDG
6/15/2002	JDA	75	145	117% TDG.
6/15/2002	JHAW	75	145	119% TDG. Evaluate total river flow to see if we could get to higher spill
6/15/2002	LGNW	33	33	115.8% TDG with 33 KCFS. 119% TDG for day
6/15/2002	LGS	25	25	115+% TDG
6/15/2002	LGSW	25	25	114+% TDG

6/15/2002	LMN	0	0	117% TDG
6/15/2002	LWG	33	33	107 % TDG
6/15/2002	MCPW	150	150	119+% TDG. Want one more day to see an air temp drop helps JDA
6/15/2002	MCQO	150	150	118% TDG
6/15/2002	MCQW	150	150	118% TDG
6/15/2002	TDA	80	80	115+% TDG.
6/15/2002	TDDO	80	80	119% TDG. Spill of 80 KCFS produced 117% TDG
6/15/2002	WRNO	100	100	120 % TDG. Spill of 100 KCFS produced 119% TDG
6/16/2002	CHQW	25	25	115% TDG. 20 KCFS spill for 4 hrs.
6/16/2002	IDSW	95	95	115+ % TDG. Spilled entire river for 1 hr.
6/16/2002	IHR	95	95	116+ % TDG
6/16/2002	LGNW	33	33	115+ % TDG. Operating for LMN plus for Temp.
6/16/2002	LGS	25	25	113+ % TDG
6/16/2002	LGSW	25	25	112+ % TDG. Operating for LMN plus for Temp.
6/16/2002	LMN	0	0	117+ % TDG
6/16/2002	LWG	33	33	106+ % TDG
6/16/2002	MCQO	150	140	119+ % TDG
6/16/2002	MCQW	150	140	119+ % TDG
6/16/2002	BON	100	100	112+ % TDG
6/16/2002	CWMW	100	100	113+ % TDG
6/16/2002	JDA	145	145	117+ % TDG
6/16/2002	JHAW	145	145	119+ % TDG
6/16/2002	MCPW	150	140	120+ % TDG
6/16/2002	TDA	80	90	114 % TDG
6/16/2002	TDDO	80	90	117+ % TDG
6/16/2002	WRNO	100	100	117+ % TDG
6/17/2002	BON	100	110	High 12 hr. avg= 111.4 % TDG
6/17/2002	CHQW	25	25	116% TDG with 20 KCFS for 5 hrs.
6/17/2002	CWMW	100	110	High 12 hr. avg= 112.2 % TDG
6/17/2002	IDSW	95	95	114% TDG with 44 - 91 KCFS, which was entire river
6/17/2002	IHR	95	95	High 12 hr. avg= 115.3 % TDG
6/17/2002	JDA	145	85	High 12 hr. avg= 114.9 % TDG
6/17/2002	JHAW	145	85	Project switches to 30% of river in daytime/30% of river at night
6/17/2002	LGNW	33	35	113% TDG w/33 KCFS. Operating to LMN plus Temp. Mr. Hammer at LWG requested 35 KCFS spill for diving operations during deployment of RSW from 6/17 to 6/21.

6/17/2002	LGS	25	25	112-113 % TDG
6/17/2002	LGSW	25	25	112%TDG with 25 KCFS. Operating to LMN plus Temp..
6/17/2002	LMN	0	0	High 12 hr. avg= 116.0% TDG
6/17/2002	LWG	33	35	104 %TDG
6/17/2002	MCPW	140	145	118% TDG with 140 KCFS
6/17/2002	MCQO	140	145	High 12 hr. avg= 115.8 % TDG
6/17/2002	MCQW	140	145	High 12 hr. avg= 116.1 % TDG
6/17/2002	TDA	90	100	High 12 hr. avg= 113.2 % TDG
6/17/2002	TDDO	90	100	117+ %TDG with 90 KCFS. BON is 111% TDG
6/17/2002	WRNO	100	110	117+ %TDG with 100 KCFS.
6/18/2002	BON	110	130	High 12 hr. avg = 113.2% TDG
6/18/2002	CWMW	110	130	High 12 hr. avg = 112.5 % TDG
6/18/2002	DWQI	0	3	Spill began because pool elevation was at 1596.44. 106% TDG with 2.2 KCFS
6/18/2002	GCL	20	20	116% TDG with 20 KCFS spill. Spilled for 13 hrs.
6/18/2002	IDSW	95	100	117 % TDG with 46 to 95 KCFS, which was entire river. Spilled 95 for 6 hrs.
6/18/2002	IHR	95	100	High 12 hr. avg = 114.1% TDG
6/18/2002	JDA	85	85	High 12 hr. avg = 111.9% TDG
6/18/2002	JHAW	85	85	High 12 hr. avg = 120.1% TDG with 85 KCFS, spilling 30 % of river.
6/18/2002	LGS	35	30	110 % TDG
6/18/2002	LGSW	35	30	112 % TDG with 25 KCFS.
6/18/2002	LMN	0	0	High 12 hr. avg = 112.5% TDG
6/18/2002	LMNW	35	42	114- 115 % TDG with 35 KCFS. Divers are still working
6/18/2002	LWG	35	42	103 % TDG
6/18/2002	MCPW	145	145	119% TDG with 145 KCFS
6/18/2002	MCQO	145	145	High 12 hr. avg = 113.1% TDG
6/18/2002	MCQW	145	145	High 12 hr. avg = 112.8% TDG
6/18/2002	TDA	100	105	High 12 hr. avg = 114.5% TDG
6/18/2002	TDDO	100	105	High 12 hr. avg = 118.4% TDG
6/18/2002	WRNO	110	130	119% TDG with 160 KCFS. INVOLUNTARY SPILL
6/19/2002	BON	130	130	High 12 hr avg=113.6 % TDG
6/19/2002	CHQW	25	23	High 12 hr. avg = 120.0% TDG
6/19/2002	CWMW	130	130	High 12 hr avg=114.0 % TDG
6/19/2002	DWQI	3	3	108+ % TDG with 3.2 KCFS
6/19/2002	GCL	30	30	116% TDG with 44 KCFS, which is the 125% gas cap.
6/19/2002	IDSW	100	100	118+ %TDG with 100 KCFS for 4 hrs, which was the entire river

6/19/2002	IHR	100	100	112 % TDG
6/19/2002	JDA	85	145	110 % TDG
6/19/2002	JHAW	85	145	High 12 hr avg=120.0 % TDG Fish test switches from 0 daytime/60% of river at night.
6/19/2002	LGNW	42	42	123 % TDG with 50 KCFS spill for 3 hrs. because of RSW deployment . INVOLUNTARY SPILL
6/19/2002	LGS	30	30	109 % TDG
6/19/2002	LGSW	30	30	112+ %TDG with 30 KCFS
6/19/2002	LMN	0	0	110 % TDG
6/19/2002	LWG	42	42	102 % TDG
6/19/2002	MCPW	145	145	122% TDG with 209 KCFS for 5 hrs. 125% gas cap = 230 KCFS. INVOLUNTARY SPILL
6/19/2002	MCQO	145	145	110 % TDG
6/19/2002	MCQW	145	145	110 % TDG
6/19/2002	TDA	105	105	112 % TDG
6/19/2002	TDDO	105	105	117% TDG . Late day levels at 114%, therefore stay same for BON
6/19/2002	WRNO	130	130	118% TDG with 130 KCFS
6/20/2002	BON	130	130	113+ % TDG
6/20/2002	CHQW	23	23	120% TDG levels. 117% TDG with 23 KCFS.
6/20/2002	CWMW	130	130	High 12 hr avg = 115.6 % TDG
6/20/2002	DWQI	3	3	4.0 KCFS spill at night. Hit 110.0% for 2 hrs.
6/20/2002	IDSW	100	100	117% TDG. 119% TDG with 100 KCFS for 6 hrs.
6/20/2002	IHR	100	100	109 % TDG
6/20/2002	JDA	145	142	High 12 hr avg = 108.6 % TDG
6/20/2002	JHAW	145	145	119+ % TDG with 145 KCFS
6/20/2002	LGNW	42	42	121% TDG. According to 6/19/02 Fish teletype, Involuntary Spill stops at 0600 today.
6/20/2002	LGSW	30	30	According to 6/19/02 Fish teletype, Involuntary Spill stops at 0600 today.
6/20/2002	LMN	0	0	According to 6/19/02 Fish teletype, Involuntary Spill stops at 0600 today.
6/20/2002	MCPW	145	145	121+ % TDG with 180 KCFS INVOLUNTARY SPILL
6/20/2002	MCQO	145	145	High 12 hr avg = 110.6 % TDG
6/20/2002	MCQW	145	145	High 12 hr avg = 110.4 % TDG
6/20/2002	TDA	105	110	High 12 hr avg = 109.3 % TDG
6/20/2002	TDDO	105	110	115% TDG with 105 KCFS
6/20/2002	WRNO	130	130	121% TDG with 165 KCFS. INVOLUNTARY SPILL
6/21/2002	BON	130	130	121 % TDG with 165 KCFS. INVOLUNARY SPILL for 24 hrs.
6/21/2002	CHQW	23	23	117% TDG with 23 KCFS
6/21/2002	CWMW	130	130	High 12 hr. avg = 118.4% TDG
6/21/2002	DWQI	4	8	116% with 8 KCFS. Pool elevation at 1599.6 out of a possible 1600.5 INVOLUNTARY SPILL

6/21/2002	IDSW	100	100	High 12 hr avg = 117.6 % TDG w/45 to 100 KCFS which was entire river
6/21/2002	IHR	100	100	110 % TDG
6/21/2002	JDA	145	140	High 12 hr. avg = 110.3 % TDG
6/21/2002	JHAW	145	140	High 12 hr. avg = 120.5% TDG w/142 KCFS.
6/21/2002	LGNW	42	42	Voluntary Spill was suppose to end, but is continuing because 2 units are not working. 119.8% TDG
6/21/2002	LGSW	30	30	Voluntary Spill was suppose to end. 113.+% TDG
6/21/2002	LMNW	0	0	111+% TDG No spill.
6/21/2002	MCPW	145	145	High 12 hr. avg = 123.6% TDG Voluntary Spill was suppose to end, but is continuing at 180 - 205 because of high flows(330 -380KCFS). INVOLUNTARY SPILL
6/21/2002	MCQO	145	145	High 12 hr avg = 112.7 % TDG
6/21/2002	MCQW	145	145	High 12 hr avg = 114.4 % TDG
6/21/2002	TDA	110	110	112% TDG
6/21/2002	TDDO	110	110	118+ % TDG with 120 KCFS INVOLUATARY SPILL for 9 hrs
6/22/2002	BON	130	130	117+ % TDG
6/22/2002	CHQW	23	23	118+ % TDG. Spilled 23 KCFS for 7 hrs.
6/22/2002	CWMW	130	130	118+ % TDG
6/22/2002	DWQI	8	8	116+ % TDG with 8 KCFS
6/22/2002	IDSW	100	100	114+ % TDG. Spilled at 80+ KCFS for 5 hrs
6/22/2002	IHR	100	100	109 % TDG
6/22/2002	JDA	140	140	113+ % TDG
6/22/2002	JHAW	140	140	119+ % TDG. Going to 30 % day/night spill tomorrow
6/22/2002	LGNW	42	42	NO SPILL. 119+ % TDG with 40 KCFS
6/22/2002	LGSW	30	30	NO SPILL. 114+ % TDG
6/22/2002	LMNW	0	0	NO SPILL. 111+ % TDG
6/22/2002	MCPW	145	145	122+ % TDG. Spilled at 178 KCFS for 21 hrs. INVOLUNTARY SPILL
6/22/2002	MCQO	145	145	116+ % TDG
6/22/2002	MCQW	145	145	117+ % TDG
6/22/2002	TDA	110	110	119+ % TDG
6/22/2002	TDDO	110	110	118+ % TDG Spilled at 120 KCFS for 10 hrs. INVOLUNTARY SPILL
6/22/2002	WRNO	130	130	120+ % TDG Spilled at 160 KCFS for 11 hrs. INVOLUNTARY SPILL
6/23/2002	BON	130	130	High 12 hr. avg = 115.4 % TDG and really dropping
6/23/2002	CHQW	23	23	NO SPILL
6/23/2002	CWMW	130	130	High 12 hr. avg = 117.4 % TDG
6/23/2002	DWQI	8	10	Pool Elevation = 1599.75. Flood Control operation declared. 118+ % TDG w/10 KCFS
6/23/2002	IDSW	100	100	117+ % TDG w/45 to 91 KCFS, which was the entire river

6/23/2002	IHR	100	100	110 % TDG
6/23/2002	JDA	140	105	High 12 hr. avg = 115.7 % TDG.
6/23/2002	JHAW	140	105	119+ % TDG w/140 KCFS. Fish test switches to 30% day/night spill
6/23/2002	LGNW	42	42	110% TDG with 5 to 20 KCFS for 11 hrs.
6/23/2002	LGSW	30	30	NO SPILL 117+ % TDG
6/23/2002	LMNW	0	0	NO SPILL 113+ % TDG
6/23/2002	MCPW	145	145	120+ % TDG w/100 to 145 KCFS. Fish teletype says voluntary spill can end.
6/23/2002	MCQO	145	145	High 12 hr. avg = 118.0 % TDG. Pasco's high gassed water (118.0 %) coming down.
6/23/2002	MCQW	145	145	High 12 hr. avg = 120.4 % TDG. Pasco's high gassed water (118.0 %) coming down.
6/23/2002	TDA	110	115	113% TDG
6/23/2002	TDDO	110	115	118+ % TDG w/110 KCFS. BON's TDG levels are dropping
6/23/2002	WRNO	130	130	117+ % TDG w/130 KCFS. Fish test switches to 75 KCFS daytime spill
6/24/2002	BON	130	145	High 12 hr. avg = 111.8% TDG
6/24/2002	CHQW	23	23	NO SPILL
6/24/2002	CWMW	130	145	High 12 hr. avg = 114.3% TDG but dropping to 110%
6/24/2002	DWQI	10	10	118 % TDG w/10 KCFS. Passing inflow because pool elevation = 1599.73
6/24/2002	IDSW	100	100	119 % TDG w/100 KCFS for 2 hrs. High 12 hr. avg = 116.6 % TDG
6/24/2002	IHR	100	100	High 12 hr. avg = 111.3% TDG
6/24/2002	JDA	105	90	High 12 hr. avg = 115.5% TDG
6/24/2002	JHAW	105	90	120.3 % TDG w/96 KCFS Tot. flow = 255- 330 KCFS.
6/24/2002	LGNW	42	42	108 % TDG w/16 KCFS for 17 hrs.
6/24/2002	LGSW	30	30	NO SPILL
6/24/2002	LMNW	0	0	NO SPILL 114+% TDG
6/24/2002	MCPW	145	145	122 % TDG w/190 KCFS for 10 hrs. Tot. flow = 280- 360 KCFS. INVOLUNTARY SPILL
6/24/2002	MCQO	145	145	High 12 hr. avg = 117.3% TDG
6/24/2002	MCQW	145	145	High 12 hr. avg = 118.1% TDG
6/24/2002	TDA	115	120	111% TDG
6/24/2002	TDDO	115	120	118 % TDG w/115 KCFS
6/24/2002	WRNO	130	145	High 12 hr. avg = 114.4% TDG
6/25/2002	BON	145	150	High 12 hr. avg = 113.7 % TDG
6/25/2002	CHQW	23	23	116+ % TDG with 23 KCFS. Spilled for 5 hrs. when tot flow = 220 KCFS
6/25/2002	CWMW	145	150	High 12 hr. avg = 113.9 % TDG
6/25/2002	DWQI	10	10	117+ % TDG with 10 KCFS. Pool elevation = 1599.68 Passing inflow
6/25/2002	IDSW	100	100	119+ % TDG with 100 KCFS, which was entire river
6/25/2002	IHR	100	100	High 12 hr. avg = 112.1% TDG

6/25/2002	JDA	90	78	High 12 hr. avg = 114.9% TDG
6/25/2002	JHAW	90	78	120 % TDG with 89-92 KCFS Spill 4hrs at 105 KCFS INVOLUNTARY SPILL
6/25/2002	LGNW	42	42	120+ % TDG with 40 KCFS. Spilled between 10 and 42 KCFS
6/25/2002	LGSW	30	30	NO SPILL. High 12 hr. avg = 110.7 % TDG
6/25/2002	LMN	0	0	NO SPILL. High 12 hr. avg = 115.1% TDG EXCEEDANCE
6/25/2002	MCPW	145	145	119+ % TDG with 145 KCFS Spill between 85 and 145.
6/25/2002	MCQO	145	145	High 12 hr. avg = 116.5% TDG
6/25/2002	MCQW	145	145	High 12 hr. avg = 116.7% TDG
6/25/2002	TDA	120	120	High 12 hr. avg = 114.3% TDG
6/25/2002	TDDO	120	120	119+ % TDG with 120 KCFS
6/25/2002	WRNO	145	150	High 12 hr. avg = 114.9 % TDG. 115+% TDG with 145 KCFS spill for 5 hours.
6/25/2002	OVERVIEW	0	0	The AC intertie line derated status continues because of the coal fired power plants are not running - the price for hydro energy was so cheap that they can buy energy for less than they can make it. AC intertie derating causes higher spill and TDG leve
6/26/2002	CHJ	23	23	116+% TDG
6/26/2002	CHQW	23	23	118+% TDG with 23 KCFS spill for 14 hrs
6/26/2002	DWQI	10	10	117+% TDG with 10 KCFS spill
6/26/2002	LGNW	42	42	120+% TDG with 40 KCFS for 6 hrs. High 12hr avg=117.9
6/26/2002	LWG	42	42	106+% TDG
6/26/2002	BON	145	125	High 12 hr avg. = 116.8% TDG.
6/26/2002	CWMW	145	125	High 12 hr avg. = 117.1% TDG.
6/26/2002	IDSW	100	100	119+% TDG Spilled at 100 KCFS (entire river) for 3 hrs.
6/26/2002	IHR	100	100	High 12 hr avg. = 114.4% TDG.
6/26/2002	JDA	90	90	High 12 hr avg. = 115.8% TDG .
6/26/2002	JHAW	90	90	High 12 hr avg. = 119.9% TDG Spill 65-92 KCFS. Chg to 60%
6/26/2002	LGSW	30	30	High 12 hr avg. = 106.2% TDG. No spill.
6/26/2002	LMN	0	0	High 12 hr avg. = 113.2% TDG.
6/26/2002	LMNW	0	0	THigh 12 hr avg. = 112.2% TDG
6/26/2002	MCPW	145	135	118+% TDG w/145 KCFS-JDA exceeds (high gassed water)
6/26/2002	MCQO	145	135	High 12 hr avg. = 115.5% TDG
6/26/2002	MCQW	145	135	High 12 hr avg. = 118.3% TDG .
6/26/2002	TDA	120	110	High 12 hr avg. = 114.6% TDG
6/26/2002	TDDO	120	110	High 12 hr avg. = 119.9% TDG. BON exceeds at 116.8% TDG
6/26/2002	WRNO	145	125	115+% TDG w/75-145 KCFS.Chg. to "spill to cap" tomorrow
6/27/2002	BON	125	110	High 12 hr avg. = 118.4% TDG

6/27/2002	CHJ	23	23	TDG level at 117+%
6/27/2002	CHQW	23	23	TDG level at 118+% with 23 KCFS spill
6/27/2002	CWMW	125	110	TDG level 118+%. Temp effecting levels-switch to TDG cap
6/27/2002	DWQI	10	10	TDG level at 117+%
6/27/2002	IDSW	100	100	TDG level at 116+%. Spilled 1hr at 100 KCFS w/119% TDG.
6/27/2002	IHR	100	100	High 12 hr avg. = 115.4% TDG
6/27/2002	JDA	90	150	High 12 hr avg. = 114.6% TDG
6/27/2002	JHAW	90	150	High 12 hr avg. = 120.2% TDG w/86-91KCFS.Switch: 60% nite
6/27/2002	LGNW	42	42	High 12 hr avg=110+% TDG w/15-25 KCFS (2 unts dwn & 4wrkg)
6/27/2002	LGS	30	30	High 12 hr avg. = 113.3% TDG
6/27/2002	LGSW	30	30	114% TDG with 30 KCFS.
6/27/2002	LMN	0	0	High 12 hr avg. = 112.5% TDG
6/27/2002	LMNW	0	0	High 12 hr avg. = 111.0% TDG
6/27/2002	LWG	42	42	TDG level at 108+%
6/27/2002	MCPW	135	135	122% TDG w/180KCFS for 7 hrs. Involuntary spill for 10 hrs.
6/27/2002	MCQO	135	135	High 12 hr avg. = 117.4% TDG
6/27/2002	MCQW	135	135	High 12 hr avg. = 118.9% TDG. Pasco water has 118% TDG
6/27/2002	TDA	110	100	High 12 hr avg. = 114.5% TDG
6/27/2002	TDDO	110	100	TDG 118+% with 110KCFS, but BON is 118.4% TDG.
6/27/2002	WRNO	125	110	TDG level at 117+%.
6/28/2002	OVERVIEW	0	0	BPA had problems Intertie could not handle the load.
6/28/2002	BON	110	110	High 12 hr avg. = 115.3% TDG
6/28/2002	CHJ	23	23	TDG level at 118+%
6/28/2002	CHQW	23	23	TDG level at 119+% with 23 KCFS for 9 hrs.
6/28/2002	CWMW	110	110	High 12 hr avg. = 115.7% TDG
6/28/2002	DWQI	10	7	TDG 114+% w/7 KCFS. Inflow=Outflow. Pool elev.=1599.5
6/28/2002	IDSW	100	90	TDG level at 117% . 121% TDG with 100KCFS spill for 3 hrs.
6/28/2002	IHR	100	90	High 12 hr avg. = 113.9% TDG
6/28/2002	JDA	150	150	High 12 hr. avg = 114.5% TDG
6/28/2002	JHAW	150	150	TDG 119% w/150 KCFS.4 hrs 121-124% TDG w/230 KCFS
6/28/2002	LGNW	42	38	TDG 119+%. Spilled f/22 hrs. 121-122% TDGw/42 for 8 hrs.
6/28/2002	LGS	30	30	High 12 hr avg. = 114.0% TDG
6/28/2002	LGSW	30	30	TDG 14% w/30KCFS.Spilled 14hrs.122%TDG w/64 KCFS
6/28/2002	LMN	0	0	TDG level at 109+%
6/28/2002	LMNW	0	0	TDG level at 108+%

6/28/2002	LWG	42	38	TDG level at 107+%
6/28/2002	MCPW	135	135	TDG 119+% w.150 KCFS for 8hrs. TQ=325 Involuntary spill
6/28/2002	MCQO	135	135	High 12 hr avg. = 116.0% TDG
6/28/2002	MCQW	135	135	High 12 hr avg. = 116.7% TDG
6/28/2002	TDA	100	100	High 12 hr avg. = 112.0% TDG
6/28/2002	TDDO	100	100	TDG 117% w/100. 4hrs of 120+% TDG w/250 KCFS spill
6/28/2002	WRNO	110	110	TDG 115+%. 122-124% TDG w/204 KCFS f/6hrs.Invol.spill
6/30/2002	CHQW	0	0	117% TDG - no spill
6/30/2002	DWQI	0	0	117% TDG w/10 KCFS spill pasing inflow pool elev 1599.64
6/30/2002	IDSW	90	90	116% TDG w/45-85 KCFS which was entire river.
6/30/2002	IHR	90	90	107% TDG
6/30/2002	LGNW	38	38	118% TDG w/30 KCFS
6/30/2002	LGS	30	30	109% TDG
6/30/2002	LGSW	30	30	113% TDG w/30 KCFS for 12 hrs.
6/30/2002	LMN	6	0	112% TDG No spill
6/30/2002	LMNW	6	0	High 12 hr avg = 112.2% TDG.
6/30/2002	LWG	0	0	104% TDG
6/30/2002	MCQO	0	0	113% TDG
6/30/2002	MCQW	0	0	113% TDG
6/30/2002	BON	0	0	115% TDG
6/30/2002	CWMW	0	0	120-115+% TDG from involuntary spill at WRNO.
6/30/2002	JDA	150	150	110%TDG
6/30/2002	JHAW	150	150	119%TDG w/150; 124+% TDG w/240 KCFS fo 3 hrs.
6/30/2002	MCPW	0	0	122-124% w/170 to 231 KCFS. Invol. Spill for 20 hours.
6/30/2002	OVERVIEW	0	0	Apparently the intertie problem is still not fixed. Involuntary spill for 7 hrs. 115% w/95 KCFS.
6/30/2002	TDA	0	0	116% then drops to 100
6/30/2002	TDDO	0	0	120-122% TDG w/250 KCFS for 8 hrs. 20 hrs of Invol. Spill
6/30/2002	WRNO	0	0	120+% TDG w/203KCFS for 9 hrs. Involun. spill for all 24hrs.
7/1/2002	BON	110	120	TDG level is 115+%
7/1/2002	CHJ	23	23	TDG level is 117+%
7/1/2002	CHQW	23	23	TDG level is 118+%
7/1/2002	CWMW	110	120	TDG level is 115+%
7/1/2002	DWQI	10	10	TDG level is 117+%
7/1/2002	IDSW	90	90	TDG level is 114+% Spilled to 85 KCFS whole river.
7/1/2002	IHR	90	90	TDG level is 107+%

7/1/2002	JDA	150	90	TDG level is 109+%
7/1/2002	JHAW	150	90	TDG level is 118+% going to 30% day/night today.
7/1/2002	LGNW	40	40	TDG level is 114+% Only spilled to 30 KCFS.
7/1/2002	LGS	38	38	TDG level is 111+%
7/1/2002	LGSW	38	38	TDG level is 112+% Only spilled to 38 KCFS for 1 hour.
7/1/2002	LMN	0	0	TDG level is 112+%
7/1/2002	LMNW	0	0	TDG level is 112+%
7/1/2002	LWG	40	40	TDG level is 103+%
7/1/2002	MCPW	135	135	TDG level is 118+%
7/1/2002	MCQO	135	135	TDG level is 112+%
7/1/2002	MCQW	135	135	TDG level is 112+%
7/1/2002	TDA	100	100	TDG level is 112+%
7/1/2002	TDDO	100	100	TDG level is 117+% BON still above 115+%.
7/1/2002	WRNO	110	120	TDG level is 115+% Going to 75 KCFS day spill today.
7/2/2002	BON	120	120	TDG level is 113+%
7/2/2002	CHJ	23	25	TDG level is 117+%
7/2/2002	CHQW	23	25	TDG level is 125+%
7/2/2002	CWMW	120	120	TDG level is 118+%
7/2/2002	DWQI	4	4	TDG level is 110+%
7/2/2002	IDSW	90	90	TDG level is 115+%
7/2/2002	IHR	90	90	TDG level is 109+%
7/2/2002	JDA	90	90	TDG level is 110+%
7/2/2002	JHAW	90	90	TDG level is 120+% Going to 60% night spill tomorrow.
7/2/2002	LGNW	38	39	TDG level is 119+%
7/2/2002	LGS	30	39	TDG level is 110+%
7/2/2002	LGSW	30	39	TDG level is 116+%
7/2/2002	LMN	0	0	TDG level is 111+%
7/2/2002	LMNW	0	0	TDG level is 111+%
7/2/2002	LWG	38	39	TDG level is 102+%
7/2/2002	MCPW	135	150	TDG level is 120+% Involuntary spill for 10 hours
7/2/2002	MCQO	135	150	TDG level is 113+%
7/2/2002	MCQW	135	150	TDG level is 115+%
7/2/2002	TDA	100	100	TDG level is 114+%
7/2/2002	TDDO	100	100	TDG level is 120+%
7/2/2002	WRNO	120	120	TDG level is 120+%

7/3/2002	BON	100	100	TDG level is 116+%
7/3/2002	CHJ	25	25	TDG level is 118+%
7/3/2002	CHQW	25	25	TDG level is 125+%
7/3/2002	CWMW	120	120	TDG level is 120+%
7/3/2002	DWQI	4	0	TDG level is 106+%
7/3/2002	IDSW	90	90	TDG level is 115+% Spilled at 90KCFS for 1 hr. (wholeriver)
7/3/2002	IHR	90	90	TDG level is 111+%
7/3/2002	JDA	90	160	TDG level is 112+%
7/3/2002	JHAW	90	160	TDG level is 120+%
7/3/2002	LGNW	39	40	TDG level is 118+%
7/3/2002	LGS	39	39	TDG level is 108+%
7/3/2002	LGSW	39	39	TDG level is 114+% Spilled to 39KCFS for 1 hr. (whole river)
7/3/2002	LMN	0	0	TDG level is 112+%
7/3/2002	LMNW	0	0	TDG level is 111+%
7/3/2002	LWG	39	40	TDG level is 105+%
7/3/2002	MCPW	150	150	TDG level is 120+%
7/3/2002	MCQO	150	150	TDG level is 114+%
7/3/2002	MCQW	150	150	TDG level is 116+%
7/3/2002	TDA	100	100	TDG level is 114+%
7/3/2002	TDDO	100	100	TDG level is 119+%
7/3/2002	WRNO	120	120	TDG level is 123+% Spilled at 203 KCFS for 4 hours.
7/4/2002	BON	120	120	TDG level is 114+%
7/4/2002	CHJ	25	25	TDG level is 118+%
7/4/2002	CHQW	25	25	TDG level ia 125+% Talk to BOR tomorrow about reducing.
7/4/2002	CWMW	120	120	TDG level is 117.9%
7/4/2002	DWQI	0	0	TDG level is 104+%
7/4/2002	IDSW	90	90	TDG level is 113+% Only spilled to 55 KCFS for 4 hours.
7/4/2002	IHR	90	90	TDG level is 112+%
7/4/2002	JDA	160	160	TDG level is 110+%
7/4/2002	JHAW	160	160	TDG level is 119+%
7/4/2002	LGNW	40	40	TDG level is 113+% Don't increase because LGS forevay may go over 115% when spill volume arrises.
7/4/2002	LGS	39	39	TDG level is 107+%
7/4/2002	LGSW	39	39	TDG level is 118+% Spilled 9 hours at 39 KCFS.
7/4/2002	LMN	0	0	TDG is 116+% Caused by yesterday's heat. Cooler today.
7/4/2002	LMNW	0	0	TDG level is 115+%

7/4/2002	LWG	40	40	TDG level is 104+%
7/4/2002	MCPW	150	150	TDG level is 119+%
7/4/2002	MCQO	150	150	TDG level is 115+%
7/4/2002	MCQW	150	150	TDG level is 115+%
7/4/2002	TDA	100	100	TDG level is 110+%
7/4/2002	TDDO	100	100	TDG level is 117+% BON is about right.
7/4/2002	WRNO	120	120	TDG level is 120.8% Spilled 6 hours at 204 KCFS
7/5/2002	BON	120	130	High 12 Hr. Avg = 111.7% TDG
7/5/2002	CHJ	25	25	TDG level is 117+%
7/5/2002	CHQW	25	25	121+% TDG w/25KCFS f/20 hrs.Snow gone,GCL notspilling
7/5/2002	CWMW	120	130	High 12 Hr. Avg = 114.5% TDG
7/5/2002	DWQI	0	0	TDG level is 104+% No spill
7/5/2002	IDSW	90	90	114% TDG w/40KCFS, entire river. Spilled 50KCFS f/2hrs
7/5/2002	IHR	90	90	High 12 Hr. Avg = 110.1% TDG
7/5/2002	JDA	160	83	High 12 Hr. Avg = 110.5% TDG
7/5/2002	JHAW	160	83	119+% TDG w/160 KCFS.Switches to 30% day/night today.
7/5/2002	LGNW	40	40	119+% TDG w/40 KCFS
7/5/2002	LGS	39	39	High 12 Hr. Avg = 109.3% TDG
7/5/2002	LGSW	39	39	119+% TDG w/40 KCFS for11 hrs. But LMN is too high.
7/5/2002	LMN	0	0	High 12 Hr. Avg = 115.3% TDG
7/5/2002	LMNW	0	0	High 12 Hr. Avg = 114.7% TDG
7/5/2002	LWG	40	40	TDG level is 104+%
7/5/2002	MCPW	150	150	High 12 Hr. Avg = 119.2% TDG w/ 150 KCFS
7/5/2002	MCQO	150	150	High 12 Hr. Avg = 114.1% TDG
7/5/2002	MCQW	150	150	High 12 Hr. Avg = 113.8% TDG
7/5/2002	TDA	100	110	High 12 Hr. Avg = 113.4% TDG
7/5/2002	TDDO	100	110	118% TDG w/100 KCFS
7/5/2002	WRNO	120	130	114+% TDG w/120KCFS. Switching to 75KCFS for fish test.
7/6/2002	BON	130	130	TDG level is 113+%
7/6/2002	CHJ	25	25	TDG level is 117+%
7/6/2002	CHQW	25	25	TDG level is 116+%. No spill.
7/6/2002	CWMW	130	130	TDG level is 113.6%. Yesterdays increase to 130KCFS hasn't arrived in today's readings so wait to see effects in July 6th afternoon readings.
7/6/2002	DWQI	0	0	TDG level is 104+%. No spill.
7/6/2002	IDSW	90	90	TDG level is 113+%. Spilled 16 hours at 45 KCFS.

7/6/2002	IHR	90	90	TDG level is 109+%
7/6/2002	JDA	83	83	TDG level is 112+%
7/6/2002	JHAW	83	83	TDG level 119+%.Spilled 5 hrs at 87KCFS or 30%, TDA high
7/6/2002	LGNW	40	40	TDG level is 104+%. No spill.
7/6/2002	LGSW	39	39	TDG level is 110+%. No spill.
7/6/2002	LMN	0	0	TDG level is 113+%
7/6/2002	LMNW	0	0	TDG level is 111+%
7/6/2002	MCPW	150	150	TDG level is 117+%. Spilled 7 hours at max of 89 KCFS.
7/6/2002	MCQO	150	150	TDG level is 113+%
7/6/2002	MCQW	150	150	TDG level is 111+%
7/6/2002	TDA	110	110	TDG level is 116+%
7/6/2002	TDDO	110	110	TDG level is 120.1%. Cooler weather could help drop level.
7/6/2002	WRNO	130	130	TDG level is 113+%
7/7/2002	CHJ	25	25	118% TDG
7/7/2002	CHQW	25	25	No spill - 118% TDG
7/7/2002	DWQI	0	0	No spill - 103% TDG
7/7/2002	IDSW	90	90	Spilled between 10-45 KCFS w/109-112% TDG
7/7/2002	IHR	90	90	113.7% TDG High 12 hr avg.
7/7/2002	JDA	83	83	112+% TDG
7/7/2002	LGNW	40	40	No spill. Total flow = 40-50 KCFS
7/7/2002	LGS	39	39	115% TDG
7/7/2002	LGSW	39	39	No spill. Total flow = 30-50 KCFS
7/7/2002	LMN	0	0	115+% TDG (7 hrs. of 117+ % TDG)
7/7/2002	LMNW	0	0	110% TDG
7/7/2002	LWG	40	40	105% TDG
7/7/2002	MCPW	150	150	Spilled between 60-100 KCFS w/116-118% TDG
7/7/2002	MCQO	150	150	114+% TDG
7/7/2002	MCQW	150	150	117+% TDG for 12 hours.
7/7/2002	BON	130	125	117-118% TDG Exceedance.
7/7/2002	CWMW	130	125	116+% TDG Exceedance.
7/7/2002	JHAW	83	83	119+% TDG w/83 KCFS. Fish test continues 30% day/night
7/7/2002	TDA	110	100	112% TDG
7/7/2002	TDDO	110	100	117-118% TDG w/110 KCFS but BON is too high.
7/7/2002	WRNO	130	125	116% W/75 KCFS and 118% w/130 KCFS.
7/8/2002	BON	125	110	Hgh 12 Hr.Avg=17.8%TDG Exceed.but BON TDG dropping

7/8/2002	CHJ	25	25	118% TDG
7/8/2002	CHQW	25	25	118% TDG. No spill occurred.
7/8/2002	CWMW	125	110	High 12 Hr. Avg. = 115.9% TDG
7/8/2002	DWQI	0	0	103% TDG No spill.Temp. creeping up to 48F,reduce to 47F
7/8/2002	IDSW	90	90	Spilling 16-66 KCFS, entire river.It produced 107-114% TDG
7/8/2002	IHR	90	90	High 12 Hr. Avg. = 113.7%
7/8/2002	JDA	83	83	High 12 Hr. Avg. = 112.2% TDG
7/8/2002	JHAW	83	83	119+% TDG w.83 KCFS
7/8/2002	LGNW	40	40	102% TDG. No spill.
7/8/2002	LGS	39	39	High 12 Hr. Avg. = 115.4% TDG Exceedance.
7/8/2002	LGSW	39	39	High 12 Hr. Avg. = 108.2% TDG. No spill.
7/8/2002	LMN	0	0	High 12 Hr. Avg. = 116.6% TDG. High temp. Exceedance
7/8/2002	LMNW	0	0	High 12 Hr. Avg. = 113.2% TDG. No spill.
7/8/2002	LWG	40	40	103-111% TDG
7/8/2002	MCPW	150	150	High 12 Hr. Avg.=119.8% TDG w/70-83 KCFS spill.
7/8/2002	MCQO	150	150	High 12 Hr. Avg. = 117.7% TDG Exceedance.
7/8/2002	MCQW	150	150	High 12 Hr. Avg. = 118.4% TDG Exceedance.
7/8/2002	TDA	100	90	High 12 Hr. Avg. = 112.1% TDG
7/8/2002	TDDO	100	90	117+% TDG w/96 KCFS
7/8/2002	WRNO	125	110	114+%TDG w/125 & 115+KCFSw/75 & heat.spill cap tomrw
7/9/2002	BON	110	110	High 12 Hr. Avg. = 111.5% TDG
7/9/2002	CHJ	0	0	116% TDG
7/9/2002	CHQW	0	0	No spill - 116% TDG
7/9/2002	CWMW	110	110	High 12 Hr. Avg. = 113.4% TDG
7/9/2002	DWQI	0	0	No spill-103% TDG, elev.1599.18. Water 47F f/8 of 24 hrs.
7/9/2002	IDSW	90	90	106-113% TDG w/4-45 KCFS,entire river.Spill @45 f/10 hrs.
7/9/2002	IHR	90	90	High 12 Hr. Avg. = 111.6% TDG
7/9/2002	JDA	83	150	High 12 Hr. Avg. = 110.3% TDG
7/9/2002	JHAW	83	150	115-118% TDG w/50 to 75 KCFS. Going to 60% night spill.
7/9/2002	LGNW	40	40	No spill - 100+% TDG
7/9/2002	LGS	39	39	108% TDG
7/9/2002	LGSW	39	39	No spill - 106% TDG
7/9/2002	LMN	0	0	High 12 hr avg.= 111.0% TDG
7/9/2002	LMNW	0	0	No spill - 109% TDG
7/9/2002	LWG	40	40	102% TDG

7/9/2002	MCPW	150	150	115-117% TDG w/25 to 90 KCFS spill. Didn't spill to cap.
7/9/2002	MCQO	150	150	High 12 Hr. Avg. = 114.1% TDG
7/9/2002	MCQW	150	150	High 12 Hr. Avg.=115.1% TDG Exceedance.Pasco was coming down @ 113 or less % TDG.
7/9/2002	TDA	90	100	109% TDG
7/9/2002	TDDO	90	100	115% TDG w/80 to 90 KCFS, BON is too low.
7/9/2002	WRNO	110	110	114+% TDG w/110KCFS & @ 125KCFS fish test chg.to cap
7/10/2002	BON	110	125	High 12 hr. Avg = 112.0% TDG.
7/10/2002	CWMW	110	125	High 12 hr. Avg=111.4% TDG.
7/10/2002	GCL	0	0	116% TDG w/19 KCFS for 22 hrs.
7/10/2002	IDSW	90	90	107-114% TDG w/21-63KCFS, entire river. 60 KCFS f/5 hrs
7/10/2002	IHR	90	90	High 12 hr. Avg = 110.9% TDG.
7/10/2002	JDA	150	160	High 12 hr. Avg = 111.5% TDG.
7/10/2002	JHAW	150	160	118% TDG w/150 KCFS for 4 hours.
7/10/2002	LMN	0	0	No Spill - High 12 hr. Avg = 113.4% TDG.
7/10/2002	LMNW	0	0	High 12 hr. Avg = 109.8% TDG.
7/10/2002	MCPW	150	150	116+% TDG w/25-55KCFS.40KCFS f/15hrs. TQ dwn to 200
7/10/2002	MCQO	150	150	High 12 hr. Avg = 114.0% TDG.
7/10/2002	MCQW	150	150	High 12 hr. Avg = 113.4% TDG.
7/10/2002	OVERVIEW	0	0	BPA said they could not handle the load, so had to spill at snake & Col. projects.
7/10/2002	TDA	100	110	High 12 hr. Avg = 111.5% TDG.
7/10/2002	TDDO	100	110	117% TDG w/56-100 KCFS. 100 KCFS for 7 hours.
7/10/2002	WRNO	110	125	114-116% TDG w/110 KCFS
7/10/2002	CHJ	25	25	TDG level is 116+%
7/10/2002	CHQW	25	25	123+% TDG w/45 KCFS for 7 hours.
7/10/2002	DWQI	3	4	103+% TDG w/3 KCFS f/19 hrs. Question Gauge.
7/10/2002	LGNW	40	40	110+% TDG w/20 KCFS spill for 15 hours.
7/10/2002	LGS	39	39	High 12 Hr. Avg = 110.6%
7/10/2002	LGSW	39	39	110+% TDG w/20KCFS spill for 14 hrs.
7/10/2002	LWG	40	40	102 to 110% TDG
7/11/2002	BON	125	125	High 12 hr. Avg = 114.2% TDG
7/11/2002	CHJ	25	25	117% TDG
7/11/2002	CHQW	25	25	115-116% w/5 KCFS for 20 hrs.
7/11/2002	CWMW	125	125	High 12 hr. Avg = 114.1% TDG
7/11/2002	DWQI	4	4	107% TDG w/3.8 KCFS

7/11/2002	IDSW	90	90	108-113+% TDG w/15-46 KCFS, they were spilling the river. 45 KCFS for 5 hours.
7/11/2002	IHR	90	90	High 12 hr. Avg = 110.8% TDG.
7/11/2002	JDA	160	160	High 12 hr. Avg = 113.7% TDG.
7/11/2002	JHAW	160	160	117-119% TDG w/88-150 KCFS for 11 hrs;But TDA too high Spilled at 150 KCFS f/2 hrs.
7/11/2002	LGNW	40	40	111% TDG w/20 KCFS for 9 hrs.
7/11/2002	LGS	39	39	High 12 hr Avg = 109.4% TDG
7/11/2002	LGSW	39	39	111% TDG w/20 KCFS for 13 hrs.
7/11/2002	LMN	0	0	High 12 hr. Avg = 112.1% TDG.
7/11/2002	LMNW	0	0	High 12 hr. Avg = 109.1% TDG.
7/11/2002	LWG	40	40	106% TDG
7/11/2002	MCPW	150	150	116% TDG w/40 KCFS for 17 hrs.
7/11/2002	MCQO	150	150	High 12 hr. Avg = 114.2% TDG.
7/11/2002	MCQW	150	150	High 12 hr. Avg = 114.9% TDG.
7/11/2002	TDA	110	110	High 12 hr. Avg = 115.1% TDG. Exceedance.
7/11/2002	TDDO	110	110	117-120% TDG w/82-110 KCFS for 11 hrs. Spilled at 110 KCFS for 6 hrs.
7/11/2002	WRNO	125	125	117+% TDG w/125 KCFS for 6 hrs.
7/12/2002	CHJ	25	25	116+% TDG
7/12/2002	CHQW	25	25	115+% TDG w/4.8 KCFS. Spilled 5 KCFS for 17 hours.
7/12/2002	DWQI	4	4	107+% TDG w/4.2 KCFS
7/12/2002	IDSW	90	90	109-115% TDG w/20-70 KCFS, which was entire river. Spilled +40 KCFS f/15 hrs.
7/12/2002	IHR	90	90	High 12 hr. Avg = 111.1% TDG
7/12/2002	LGNW	40	40	111% TDG w/20 KCFS for 13 hrs.
7/12/2002	LGS	39	39	High 12 hr. Avg = 110.0% TDG
7/12/2002	LGSW	39	39	110% TDG w/20 KCFS for 17 hrs.
7/12/2002	LMN	0	0	High 12 hr. Avg = 113.9% TDG
7/12/2002	LMNW	0	0	High 12 hr. Avg = 108.7% TDG
7/12/2002	LWG	40	40	105-107% TDG.
7/12/2002	MCPW	150	120	119-120% TDG w/120 KCFS spill for 6 hrs.
7/12/2002	MCQO	150	120	High 12 hr. Avg = 116.1% TDG
7/12/2002	MCQW	150	120	High 12 hr. Avg = 119.1% TDG Dissolved O2 skyrocketed fm/2:00-10:00pm.This may cause high TDG levels.
7/12/2002	BON	125	115	High 12 hr. Avg=115.6% TDG. Exceedance. Spill to 75 KCFS daytime tomorrow.
7/12/2002	CWMW	125	115	High 12 hr. Avg = 116.9% TDG
7/12/2002	JDA	160	160	High 12 hr. Avg = 113.0% TDG

7/12/2002	JHAW	160	160	119+% TDG w/160 KCFS for 4 hrs. Spill to 30% day/night tomorrow.
7/12/2002	TDA	110	105	High 12 hr. Avg = 113.7% TDG
7/12/2002	TDDO	110	105	118+% TDG w/110 for 11 hrs. But BON forebay over 115%.
7/12/2002	WRNO	125	115	117.7% TDG w/125 KCFS f/24 Hrs. But CWMW is too high.
7/13/2002	BON	115	115	TDG level is 113+%
7/13/2002	CHJ	25	25	TDG level is 117+%
7/13/2002	CHQW	25	25	TDG level is 118+%. Spilled 20 KCFS for 17 hours.
7/13/2002	CWMW	115	115	TDG level is 115+%. Going to 75 KCFS daytime spill today.
7/13/2002	DWQI	4200	4200	TDG level is 107+% (spill 4.2 KCFS)
7/13/2002	IDSW	90	90	TDG level is 113+%. Spilled 45+KCFS for 14 hours.
7/13/2002	IHR	90	90	TDG level is 112+%
7/13/2002	JDA	160	90	TDG level is 113+%
7/13/2002	JHAW	160	90	TDG level is 118+% Spilled at 145-200 KCFS f/5 hrs. Chg. to 30% day/night spill today.
7/13/2002	LGNW	40	40	TDG level is 114+% Spilled 16 hours at 30 KCFS.
7/13/2002	LGS	39	39	TDG level is 110+%
7/13/2002	LGSW	39	39	TDG level is 112+%. Spilled at 25 KCFS for 16 hours.
7/13/2002	LMN	0	0	TDG level is 114+%
7/13/2002	LMNW	0	0	TDG level is 111+%
7/13/2002	LWG	40	40	TDG level is 110+%
7/13/2002	MCPW	120	120	TDG level is 117+% Spilled 100 KCFS for 7 hours.
7/13/2002	MCQO	120	120	TDG level is 118+%
7/13/2002	MCQW	120	120	TDG level is 118+%
7/13/2002	TDA	105	110	TDG level is 113+%
7/13/2002	TDDO	105	110	TDG level is 118+%
7/13/2002	WRNO	115	115	TDG level is 116+%
7/14/2002	BON	115	120	High 12 Hr. Avg = 113.1% TDG and dropping.
7/14/2002	CWMW	115	120	High 12 Hr. Avg = 114.3% TDG
7/14/2002	JDA	90	90	High 12 Hr. Avg = 114.2% TDG and appears to be decreasing.
7/14/2002	JHAW	90	90	119+% TDG w/90 for 4 hrs. 116-120% TDG w/58 to 90 KCFS.
7/14/2002	TDA	110	115	High 12 Hr. Avg = 113.2% TDG
7/14/2002	TDDO	110	115	118% TDG w/110 KCFS for 10 hrs. High 12 Hr. Avg= 118.1% TDG
7/14/2002	WRNO	115	120	112-113% TDG w/115 KCFS for 6 hrs. High 12 Hr. Avg = 114.0%TDG
7/14/2002	IDSW	90	90	108-116% TDG w/10-75 KCFS which was entire river.
7/14/2002	IHR	90	90	High 12 Hr. Avg = 116.2% TDG
7/14/2002	LMN	0	0	High 12 Hr. Avg = 116.2% TDG. Temp = 65-70 Degrees F

7/14/2002	LMNW	0	0	High 12 Hr. Avg = 112.3% TDG
7/14/2002	MCPW	120	125	118+% TDG w/120 KCFS for 7 hrs.
7/14/2002	MCQO	120	125	120% TDG w/69 degrees F; 115%TDG w/64F. Pasco water @ 115%TDG w/64 degrees F.
7/14/2002	MCQW	120	125	High 12 Hr. Avg = 119.0% TDG
7/14/2002	CHJ	25	25	117% TDG
7/14/2002	CHQW	25	25	116% TDG w/4.7 KCFS for 10 hrs.
7/14/2002	DWQI	4200	4200	107-108% TDG w/4.2 KCFS for 24 hrs.
7/14/2002	LGNW	40	40	High 12 Hr Avg = 111.8% TDG w/20 KCFS for 11 hrs. Temp = 65-70 Degrees F
7/14/2002	LGS	39	39	High 12 Hr. Avg = 114.3% TDG
7/14/2002	LGSW	39	39	High 12 Hr. Avg = 111.8% TDG w/20 KCFS for 11 hrs, T=65-66 Degrees F
7/14/2002	LWG	40	40	High 12 Hr. Avg = 114.8% TDG. Temp. 67-73 Degrees F
7/15/2002	CHJ	25	25	117% TDG
7/15/2002	CHQW	25	25	116% TDG. No spill.
7/15/2002	DWQI	4200	4200	107-108% TDG w/4.1 KCFS f/24 hrs.
7/15/2002	IDSW	0	0	106-115% TDG w/8-75 KCFS, which was entire river. Spilled to 75 KCFS f/3 hrs.
7/15/2002	IHR	0	0	High 12 hr avg = 110.5% TDG
7/15/2002	JDA	90	155	High 12 hr avg = 112.4% TDG
7/15/2002	JHAW	90	155	TDG level is 119+%. Switching to 0% day/60% night today for fish test.
7/15/2002	LGNW	40	40	103% TDG. No spill
7/15/2002	LGSW	39	39	TDG level is 104+%. No spill.
7/15/2002	LMNW	0	0	TDG level is 109+%. No spill.
7/15/2002	MCPW	125	130	118+% TDG w/125 KCFS f/5 hrs. JDA is too low.
7/15/2002	MCQO	125	130	High 12 hr avg = 116.7% TDG Exceedance.
7/15/2002	MCQW	125	130	High 12 hr avg = 116.5% TDG Exceedance.
7/15/2002	TDA	115	125	High 12 hr avg = 109.3% TDG
7/15/2002	TDDO	115	125	116+% TDG w/110 KCFS f/7 hrs.
7/15/2002	BON	120	125	High 12 hr avg = 111.8% TDG
7/15/2002	CWMW	120	125	High 12 hr avg = 111.2% TDG. Too low.
7/15/2002	OVERVIEW	0	0	BPA said there is no reason for low spill @ TDA, perhaps they didn't receive the change, per Cathy Schaufelgerger.
7/15/2002	WRNO	120	125	112+% TDG w/115-120 KCFS for 6 hrs. Going to spill cap today.
7/16/2002	BON	125	135	High 12 hr avg = 109.6% TDG
7/16/2002	CHJ	25	25	117% TDG
7/16/2002	CHQW	25	25	115-8% TDG w/5 to 20 KCFS. Spilled at 20 KCFS for 13 hours.
7/16/2002	CWMW	125	135	High 12 hr avg = 112.8% TDG

7/16/2002	DWQI	4200	4200	(4200 CFS) 107-108% TDG w/4.1 KCFS
7/16/2002	IDSW	90	90	106-113+% TDG 45-60 KCFS f/12 hrs. Spill 15-60 KCFS -entire river.
7/16/2002	IHR	90	90	High 12 hr avg = 111.0% TDG
7/16/2002	JDA	155	155	High 12 hr avg = 110.1% TDG
7/16/2002	JHAW	155	155	118-120% TDG w/66-155 KCFS. Spilled @ 150 KCFS f/5 hrs.chg to 30% day/night.
7/16/2002	LGNW	40	40	113+% TDG w/30 KCFS spill for 9 hrs.
7/16/2002	LGS	39	39	High 12 hr avg = 109.5% TDG
7/16/2002	LGSW	39	39	112 % TDG w/25 KCFS for 9 hrs.
7/16/2002	LMN	0	0	High 12 hr avg = 111.2% TDG
7/16/2002	LMNW	0	0	High 12 hr avg = 111.2% TDG
7/16/2002	LWG	40	40	109% TDG
7/16/2002	MCPW	130	130	113-115% TDG w/38-80 KCFS. Spilled 80 KCFS f/10 hrs. Spilling extra over generation.
7/16/2002	MCQO	130	130	High 12 hr avg = 114.5% TDG
7/16/2002	MCQW	130	130	High 12 hr avg = 115.1% TDG Exceedance.
7/16/2002	TDA	120	120	High 12 hr avg = 110.3% TDG
7/16/2002	TDDO	120	120	115-117+% TDG w/88-115 KCFS. Spilled @ 115 KCFS f/2hrs.
7/16/2002	WRNO	125	135	114% TDG w/125 KCFS. Chk on source of wind info.Spill to gas cap tomorrow.
7/17/2002	BON	135	145	TDG level is 110+%
7/17/2002	CHJ	25	25	TDG level is 117+%
7/17/2002	CHQW	25	25	TDG level is 117+%. Only 5 hours of spill, 1 at 20 KCFS and 4 at 5 KCFS.
7/17/2002	CWMW	135	145	TDG level is 113+%
7/17/2002	DWQI	4200	4200	TDG level is 107+%
7/17/2002	IDSW	90	90	TDG level is 112+%. Spilled from 20 to 50 KCFS for 24 hours.
7/17/2002	IHR	90	90	TDG level is 110+%
7/17/2002	JDA	155	155	TDG level is 108+%
7/17/2002	JHAW	155	155	117+% TDG. Spilled 117 KCFS f/11 hrs. Today going to 30% day/night spill.
7/17/2002	LGNW	40	40	TDG level is 110+% during 6 hours of spill at 21 KCFS.
7/17/2002	LGS	39	39	TDG level is 110+%
7/17/2002	LGSW	39	39	TDG level is 110+% during 6 hours of spill at 20 KCFS.
7/17/2002	LMNW	0	0	TDG level is 110+% No spill.
7/17/2002	LWG	40	40	TDG level is 109+%
7/17/2002	MCPW	130	130	TDG level is 115+% with 50 to 80 KCFS spill for 14 hours.
7/17/2002	MCQO	130	130	TDG level is 118+%
7/17/2002	MCQW	130	130	TDG level is 115+%
7/17/2002	OVERVIEW	0	0	For JHAW: No change in cap level due to river flows below 300 KCFS.

7/17/2002	TDA	125	125	TDG level is 111+%
7/17/2002	TDDO	125	125	TDG level is 116+%
7/17/2002	WRNO	135	145	TDG level is 116+%. Spilled 10 hrs at 135 KCFS, going to 75 KCFS daytime spill today.
7/18/2002	BON	145	150	High 12 Hr Avg = 116.5% TDG
7/18/2002	CHJ	25	25	TDG level is 116+%
7/18/2002	CHQW	25	25	TDG level is 116+%. No spill
7/18/2002	CWMW	145	150	High 12 Hr Avg = 114.1% TDG
7/18/2002	DWQI	4200	4200	(4.2 KCFS) 107+% TDG w/4.1 KCFS for 24 hrs.
7/18/2002	IDSW	90	90	108-113% w/10 to 60 KCFS - High 12 Hr Avg = 112.8% TDG
7/18/2002	IHR	90	90	High 12 Hr Avg = 116.5% TDG. Exceedance
7/18/2002	JDA	155	155	High 12 Hr Avg = 107.3% TDG
7/18/2002	JHAW	155	155	119+% TDG w/80 KCFS. Switch to 30% day/night.
7/18/2002	LGNW	40	40	TDG level is 102+%. No spill
7/18/2002	LGSW	39	39	TDG level is 108+%. No spill
7/18/2002	LMN	0	0	TDG level is 110+%
7/18/2002	LMNW	0	0	TDG level is 107+%
7/18/2002	MCPW	130	130	116+% TDG w/60 to 111 KCFS.(Spilling everything over generation of 160KCFS).
7/18/2002	MCQO	130	130	High 12 Hr Avg = 116.5% TDG. Exceedance
7/18/2002	MCQW	130	130	High 12 Hr Avg = 115.5% TDG. Exceedance
7/18/2002	OVERVIEW	0	0	In fish Passage Plan (BON-6) gives the daylight tables. Daylight: @IHR f/most projects 6:00-6:00, BON pg BON-13/5:00-6:00,
7/18/2002	TDA	125	125	High 12 Hr Avg = 110.5% TDG
7/18/2002	TDDO	125	125	114-117% TDG w/80 -110 KCFS (Silling 40% of river).
7/18/2002	WRNO	145	150	116% TDG w/145 for 6 hrs.as specified in Fish Passage Plan.
7/19/2002	BON	150	160	High 12 hr avg = 110.1% TDG
7/19/2002	CHJ	25	25	TDG level is 116+%
7/19/2002	CHQW	25	25	116-121% TDG w/20 KCFS for 16 hrs. 12 hr avg = 119.8% TDG
7/19/2002	CWMW	150	160	High 12 hr avg = 112.8% TDG
7/19/2002	DWQI	4200	4200	TDG level is 107+% w/4.1 KCFS
7/19/2002	GCL	0	0	No spill - 120% TDG coming in to GCL.
7/19/2002	IDSW	90	90	107-113% TDG w/10 to 60 KCFS, which was entire river. Spill 45-60 KCFS f/11 hrs.
7/19/2002	IHR	90	90	High 12 hr avg = 110.1% TDG
7/19/2002	JDA	155	155	High 12 hr avg = 106.9% TDG
7/19/2002	JHAW	155	155	117-120% TDG w/65-75 KCFS, 30% of flow. Spilled at 75 KCFS f/13 hrs.
7/19/2002	LGNW	40	40	TDG level is 101+%. No spill

7/19/2002	LGSW	39	39	TDG level is 104+%. No spill
7/19/2002	LMNW	0	0	TDG level is 107+%. No spill
7/19/2002	MCPW	130	130	115-117% TDG w/50-111. High 12 hr avg = 116.2% TDG
7/19/2002	MCQO	130	130	High 12 hr avg = 114.8% TDG
7/19/2002	MCQW	130	130	High 12 hr avg = 113.6% TDG
7/19/2002	TDA	125	125	High 12 hr avg = 108.9% TDG
7/19/2002	TDDO	125	125	TDG level is 115-116% w/80-105 KCFS, 40% of flow. Spilled 100-105 KCFS f/7 hrs.
7/19/2002	WRNO	150	160	118% TDG w/150 KCFS f/6 hrs. High 12 hr avg = 113.5% TDG
7/20/2002	BON	160	170	TDG level is 109+%
7/20/2002	CHJ	25	25	TDG level is 117+%
7/20/2002	CHQW	25	25	TDG level is 116+%
7/20/2002	CWMW	160	170	TDG level is 112+%.
7/20/2002	DWQI	4200	4200	TDG level is 107+%
7/20/2002	IDSW	90	90	TDG level is 112+%. Spilled at 45 KCFS for 9 hours.
7/20/2002	IHR	90	90	TDG level is 109+%
7/20/2002	JDA	155	155	TDG level is 106+%
7/20/2002	JHAW	155	155	TDG level is 118+%. Spilled at 30% day/night
7/20/2002	LGNW	40	40	TDG level is 101+%. No spill
7/20/2002	LGSW	39	39	TDG level is 104+%. No spill
7/20/2002	LMN	0	0	TDG level is 107+%
7/20/2002	LMNW	0	0	TDG level is 107+%
7/20/2002	MCPW	130	130	TDG level is 114+%. Spilled 30 to 50 KCFS for 24 hours.
7/20/2002	MCQO	130	130	TDG level is 114+%
7/20/2002	MCQW	130	130	TDG level is 113+%
7/20/2002	TDA	125	125	TDG level is 107+%
7/20/2002	TDDO	125	125	TDG level is 115+%. Spilled to 90-105 KCFS for 9 hours.
7/20/2002	WRNO	160	170	TDG level is 117+%. Camas is 112%.
7/21/2002	BON	170	160	High 12 Hr. Avg = 108.7% TDG.
7/21/2002	CHQW	25	25	No spill.
7/21/2002	CWMW	170	160	High 12 Hr. Avg = 113.8% TDG.
7/21/2002	DWQI	4200	4200	107% TDG w/4.1 KCFS for 24 hrs.
7/21/2002	IDSW	90	90	107-112% TDG w/13 to 50 KCFS, which was entire river.
7/21/2002	IHR	90	90	High 12 Hr. Avg = 108.8% TDG.
7/21/2002	JDA	155	155	High 12 Hr. Avg = 106.3% TDG.
7/21/2002	JHAW	155	155	115-119% TDG w/47 to 81 KCFS. Switches to 0%day/60% night.

7/21/2002	LGNW	40	40	No spill.
7/21/2002	LGSW	39	39	No spill.
7/21/2002	LMNW	0	0	No spill.
7/21/2002	MCPW	130	130	114-118% TDG w/31 to 80 KCFS which was remaining amt of tot. flow after generation.
7/21/2002	MCQO	130	130	High 12 Hr. Avg = 115.2% TDG. Exceedance. Temp = 66 to 73.5 degrees F.
7/21/2002	MCQW	130	130	High 12 Hr. Avg = 113.7% TDG.
7/21/2002	TDA	125	125	High 12 Hr. Avg = 108.0% TDG.
7/21/2002	TDDO	125	125	113-115% TDG w/54-104 KCFS spill, which was 40% of river as required in BiOp.
7/21/2002	WRNO	170	160	122% TDG w/170 KCFS. Switches to TDG cap in daytime.
7/22/2002	BON	160	145	High 12 Hr Avg = 111.4% TDG.
7/22/2002	CHQW	25	25	No spill.
7/22/2002	CWMW	160	145	High 12 Hr Avg = 117.6% TDG. Exceedance.
7/22/2002	DWQI	4200	4200	107+% TDG w/4.1 KCFS.
7/22/2002	IDSW	90	90	107-112% TDG w/6 to 40 KCFS, which was entire river.
7/22/2002	IHR	90	90	High 12 Hr Avg = 108.0% TDG.
7/22/2002	JDA	155	155	High 12 Hr Avg = 108.4% TDG.
7/22/2002	JHAW	155	155	Gage down - Spill between 150 and 122 KCFS.
7/22/2002	LGNW	40	40	No spill.
7/22/2002	LGSW	39	39	No spill.
7/22/2002	LMNW	0	0	No spill.
7/22/2002	MCPW	130	130	115% TDG w/25-74\5 KCFS.
7/22/2002	MCQO	130	130	High 12 Hr Avg = 113.1% TDG.
7/22/2002	MCQW	130	130	High 12 Hr Avg = 113.6% TDG.
7/22/2002	TDA	125	125	High 12 Hr Avg = 109.4% TDG.
7/22/2002	TDDO	125	125	115+% TDG w/80-105 KCFS, which is 40% of river as BiOp requires.
7/22/2002	WRNO	160	145	122+% TDG w/170; 120+% w/160 KCFS. Exceedance
7/22/2002	GCL	0	0	No spill
7/22/2002	GCL	0	0	No spill
7/23/2002	BON	145	140	High 12 Hr Avg = 114.8% TDG.
7/23/2002	CHJ	25	25	TDG level is 117+%
7/23/2002	CHQW	25	25	TDG level is 116+%. No spill.
7/23/2002	CWMW	145	140	High 12 Hr Avg = 120.3% TDG. Exceedance.
7/23/2002	DWQI	4200	4200	107+% TDG w/4.1 KCFS.
7/23/2002	IDSW	90	90	107-112% TDG w/6 to 51 KCFS, entire river. 6 KCFS f/8 hr was an operator error.
7/23/2002	IHR	90	90	High 12 Hr Avg = 109.4% TDG.

7/23/2002	JDA	155	155	High 12 Hr Avg = 109.6% TDG.
7/23/2002	JHAW	155	155	118+% TDG w/120-130 KCFS, which was 60% of river as called for in the fish test.
7/23/2002	LGNW	40	40	TDG level is 102+%. Spilled at 20 to 40 KCFS for 17 hours.
7/23/2002	LGSW	39	39	TDG level is 103+%. No spill.
7/23/2002	LMNW	0	0	TDG level is 106+%. No spill.
7/23/2002	LWG	40	40	TDG level is 109+%.
7/23/2002	MCPW	130	130	112-116+% TDG w/40-80 KCFS, which was tot. flow -generation (160 KCFS).
7/23/2002	MCQO	130	130	High 12 Hr Avg = 113.9% TDG.
7/23/2002	MCQW	130	130	High 12 Hr Avg = 114.9% TDG.
7/23/2002	TDA	125	125	High 12 Hr Avg = 113.7% TDG.
7/23/2002	TDDO	125	125	118+% TDG w/100 KCFS f/12 hrs., which was 40% of river as called for in BiOp.
7/23/2002	WRNO	145	140	119+% TDG w/145 KCFS. High 12 Hr Avg = 121.3% TDG. Exceedance.
7/24/2002	BON	140	130	High 12 Hr Avg=113.5% TDG
7/24/2002	CHQW	25	25	No spill.
7/24/2002	CWMW	140	130	High 12 Hr Avg=117.8% TDG. Exceedance.
7/24/2002	DWQI	4200	4200	106-108+% TDG w/4.1 KCFS
7/24/2002	IDSW	90	90	107-112% TDG w/6 to 40 KCFS, which was entire river.
7/24/2002	IHR	90	90	High 12 Hr Avg = 108.0% TDG.
7/24/2002	JDA	155	155	High 12 Hr Avg=108.1% TDG
7/24/2002	JHAW	155	155	117% TDG w/110-140 KCFS, which was 60% of river as called for in fish test.
7/24/2002	LGNW	40	40	No spill.
7/24/2002	LGSW	39	39	No spill.
7/24/2002	LMNW	0	0	No spill.
7/24/2002	MCPW	130	130	114-117+% TDG w/40-74 KCFS, which was total flow -generation (160KCFS).
7/24/2002	MCQO	130	130	High 12 Hr Avg = 116.3% TDG. Exceedance. Appears to be due to high temps.
7/24/2002	MCQW	130	130	High 12 Hr Avg=115.8% TDG. Exceedance. Appears to be due to high temps (heat wave).
7/24/2002	TDA	125	125	High 12 Hr Avg=111.0% TDG
7/24/2002	TDDO	125	125	114-117+% TDG w/72-90 KCFS, which is 40% of river called for in BiOp.
7/24/2002	WRNO	140	130	118-120% TDG w/140 KCFS.
7/25/2002	BON	130	130	High 12 Hr. Avg = 110.8 % TDG.
7/25/2002	CHQW	25	25	No spill.
7/25/2002	CWMW	130	130	High 12 Hr. Avg = 116.4 % TDG. Exceedance.
7/25/2002	DWQI	4200	4000	106-107 % TDG w/4.0 KCFS
7/25/2002	IDSW	90	90	108-12% TDG w/10 - 55 KCFS, which was entire river.

7/25/2002	IHR	90	90	High 12 Hr. Avg = 108.1 % TDG.
7/25/2002	JDA	155	155	High 12 Hr. Avg = 109.9 % TDG.
7/25/2002	JHAW	155	155	117-119% TDG w/90-131 KCFS, which was 60% of river.
7/25/2002	LGNW	40	40	No spill
7/25/2002	LGSW	39	39	No spill.
7/25/2002	LMNW	0	0	No spill
7/25/2002	MCPW	130	130	113-117% TDG w/30 - 60 KCFS, which was total flow -generation(160 KCFS).
7/25/2002	MCQO	130	130	High 12 Hr. Avg = 116.1 % TDG. Exceedance.
7/25/2002	MCQW	130	130	High 12 Hr Avg=116.1% TDG.Exceedance.Caused by heat wave & rising water temps.
7/25/2002	TDA	125	125	High 12 Hr. Avg = 112.0 % TDG.
7/25/2002	TDDO	125	125	114-117% TDG w/68 - 90 KCFS, which is 40% of river.
7/25/2002	WRNO	130	130	116-117% TDG w/130 KCFS; Switches to 75 KCFS daytime for fish test.
7/26/2002	CHQW	25	25	No spill.
7/26/2002	DWQI	4200	4200	106-107% TDG w/4.0 KCFS. Decided to drop Temp. from 47 to 45 degrees F.
7/26/2002	IDSW	90	90	107-112% TDG w/15-40 KCFS, which was entire river.
7/26/2002	IHR	90	90	High 12 Hr. Avg = 107.3 % TDG.
7/26/2002	LGNW	40	40	No spill.
7/26/2002	LGSW	39	39	No spill.
7/26/2002	LMNW	0	0	No spill.
7/26/2002	MCPW	130	130	111-117% TDG w/2 - 60 KCFS, which was total flow - generation(160 KCFS).
7/26/2002	MCQO	130	130	High 12 Hr. Avg = 116.8% TDG. Exceedance.
7/26/2002	MCQW	130	130	High 12 Hr. Avg = 115.1 % TDG. Exceedance.
7/26/2002	BON	130	140	High 12 Hr Avg = 108.3 % TDG
7/26/2002	CWMW	130	140	High 12 Hr Avg = 113.3 % TDG
7/26/2002	JDA	155	155	High 12 Hr Avg = 110.3 % TDG
7/26/2002	JHAW	155	155	115-119% TDG w/48 - 91 KCFS, which was 30% of river.
7/26/2002	TDA	125	125	High 12 Hr Avg = 109.3 % TDG
7/26/2002	TDDO	125	125	114 - 116% TDG w/48 - 88 KCFS, which was 40% of river.
7/26/2002	WRNO	130	140	110-111% TDG w/75 KCFS; 115 w/130 - Fish test call for 75 KCFS @ daytime.
7/27/2002	BON	140	140	TDG level is 106+%
7/27/2002	CHJ	25	25	TDG level is 118+%
7/27/2002	CHQW	25	25	TDG level is 118+% No spill
7/27/2002	CWMW	140	140	TDG level is 110+%
7/27/2002	DWQI	4000	4000	TDG level is 106+%
7/27/2002	IDSW	90	90	TDG level is 111+%. Spilled 15-40 KCFS for 24 hours.

7/27/2002	IHR	90	90	TDG level is 106+%
7/27/2002	JDA	155	155	TDG level is 108+%
7/27/2002	JHAW	155	155	TDG level is 115+%. Spilled 40-48 KCFS for 24 hours. Spilling to 60% tonight.
7/27/2002	LGNW	40	40	TDG level is 102% No spill
7/27/2002	LGSW	39	39	TDG level is 101% No spill
7/27/2002	LMNW	0	0	TDG level is 103+% No spill
7/27/2002	MCPW	130	130	TDG level is 112+% No spill
7/27/2002	MCQO	130	130	TDG level is 113+%
7/27/2002	MCQW	130	130	TDG level is 112+%
7/27/2002	TDA	125	125	TDG level is 107+%
7/27/2002	TDDO	125	125	TDG level is 114+%. Spilled 64 KCFS for 11 hours. Spilled at 40%.
7/27/2002	WRNO	140	140	TDG level is 114+% during spilling f/8 hrs.Spilling to TDG cap today.Spilling @ 117+% all day.
7/28/2002	BON	140	145	High 12 hr. avg. = 104.9% TDG.
7/28/2002	CHQW	25	25	No spill.
7/28/2002	CWMW	140	145	High 12 hr. avg. = 112.7% TDG.
7/28/2002	DWQI	4000	4000	105-106% TDG w/3.9 KCFS, Temp is @ 45 degrees F all day 7/27.
7/28/2002	IDSW	90	90	107-110% TDG w/6-40 KCFS, which was entire river.
7/28/2002	IHR	90	90	High 12 hr. avg. = 105.7% TDG.
7/28/2002	JDA	155	155	High 12 hr. avg. = 105.8% TDG.
7/28/2002	JHAW	155	155	114-118% TDG w/40-90 KCFS, which was 60% of river.
7/28/2002	LGNW	40	40	No spill.
7/28/2002	LGSW	39	39	No spill.
7/28/2002	LMNW	0	0	No spill.
7/28/2002	MCPW	130	130	107-111% TDG w/20-0 KCFS which is total flow-generation (160 KCFS).
7/28/2002	MCQO	130	130	High 12 hr. avg. = 111.7% TDG.
7/28/2002	MCQW	130	130	High 12 hr. avg. = 110.0% TDG.
7/28/2002	TDA	125	125	High 12 hr. avg. = 104.6% TDG.
7/28/2002	TDDO	125	125	111-112% TDG w/48-64 KCFS, which is 40% of river.
7/28/2002	WRNO	140	145	117-118% TDG w/139 KCFS-CWMW is too low & fish test switches to 75 KCFS on 7/29.
7/29/2002	BON	145	145	104% TDG = High 12 hr avg
7/29/2002	CHQW	25	25	No spill.
7/29/2002	CWMW	145	145	High 12 hr avg = 115.8% TDG. Exceedance.
7/29/2002	DWQI	4000	4000	105-106% TDG w/3.9 KCFS and 45 degrees F temp.
7/29/2002	IDSW	90	90	108-112% TDG w/15-37 KCFS, which was entire river.
7/29/2002	IHR	90	90	High 12 hr. avg. = 104.8% TDG.

7/29/2002	JDA	155	155	High 12 hr avg = 104.4% TDG.
7/29/2002	JHAW	155	155	119% TDG w/84 KCFS & 117% TDG w/103 KCFS. Fish test switchs to 30% day/night.
7/29/2002	LGNW	40	40	No spill.
7/29/2002	LMNW	39	39	No spill.
7/29/2002	MCPW	130	130	111% TDG w/39 KCFS for 6 hrs - 0 spill otherwise.
7/29/2002	MCQO	130	130	High 12 hr avg = 111.0% TDG.
7/29/2002	MCQW	130	130	High 12 hr avg = 108.8% TDG.
7/29/2002	TDA	125	125	High 12 hr avg = 104.7% TDG.
7/29/2002	TDDO	125	125	110-112% TDG w/45-60 KCFS, which was 40% river.
7/29/2002	WRNO	145	145	119% TDG w/145 KCFS f/4hrs;spill=t.flow-min.gen 30KCFS Switches to 75 KCFS 7/29.
7/30/2002	BON	145	145	High 12 hr avg = 104.7% TDG
7/30/2002	CHQW	25	25	No spill
7/30/2002	CWMW	145	145	High 12 hr avg = 115.8% TDG
7/30/2002	DWQI	3900	3900	3.9 KCFS. 105-106% TDG w/39KCFS. Switched to under-shot to maintain 45degree F.
7/30/2002	IDSW	90	90	106 to 112% TDG w/16-40 KCFS, which is entire river.
7/30/2002	IHR	90	90	High 12 hr avg = 104.1% TDG.
7/30/2002	JDA	155	155	High 12 hr avg = 103.1% TDG
7/30/2002	JHAW	155	155	118-115% TDG w/82-47 KCFS, which was 30% of river.
7/30/2002	LGNW	40	40	No spill.
7/30/2002	LGSW	39	39	No spill.
7/30/2002	LMNW	0	0	No spill.
7/30/2002	MCPW	130	130	107-111% TDG w/24 KCFS f/14 hrs. Spill=Tot.flow-Gen.(160KCFS).
7/30/2002	MCQO	130	130	High 12 hr avg = 111.4% TDG
7/30/2002	MCQW	130	130	High 12 hr avg = 109.0% TDG
7/30/2002	TDA	125	125	High 12 hr avg = 107.3% TDG
7/30/2002	TDDO	125	125	111-114% TDG w/49-80 KCFS, which ws 40% of river.
7/30/2002	WRNO	145	145	115-118% TDG w/145 KCFS for 7 hrs.
7/31/2002	BON	145	160	High 12 hr avg = 105.4% TDG.
7/31/2002	CHJ	25	25	TDG level is 116+%
7/31/2002	CHQW	25	25	TDG level is 115+%. No spill.
7/31/2002	CWMW	145	160	High 12 hr avg = 111.6% TDG.
7/31/2002	DWQI	3900	3900	TDG level is 106+%. 105-106% TDG w/3.9 KCFS and 45 degrees F.
7/31/2002	IDSW	90	90	107-112% TDG w/5-54 KCFS, which was entire river.
7/31/2002	IHR	90	90	High 12 hr avg = 103.7% TDG.
7/31/2002	JDA	155	155	High 12 hr avg = 102.5% TDG.

7/31/2002	JHAW	155	155	113-118+% TDG w/30-70 KCFS, which was 30% of river.
7/31/2002	LGNW	40	40	TDG level is 100+%. No spill.
7/31/2002	LGSW	39	39	TDG level is 100+% No spill.
7/31/2002	LMNW	0	0	TDG level is 102+%. No spill.
7/31/2002	MCPW	130	130	110-111% TDG w/24 KCFS, the remaining amt. after gen. (160KCFS).
7/31/2002	MCQO	130	130	High 12 hr avg = 110.6% TDG.
7/31/2002	MCQW	130	130	High 12 hr avg = 109.5% TDG.
7/31/2002	TDA	125	125	High 12 hr avg = 107.4% TDG.
7/31/2002	TDDO	125	125	112-115% TDG w/41-95 KCFS, which is 40% of river.
7/31/2002	WRNO	145	160	113-118% TDG w/145KCFS f/7hrs. 75 KCFS the rest of day which continues to 8/2.
8/1/2002	BON	160	145	High 12 hr avg = 106.0% TDG.
8/1/2002	CHQW	25	25	No spill.
8/1/2002	CWMW	160	145	High 12 hr avg = 111.6% TDG.
8/1/2002	DWQI	3900	3900	104-105% TDG w/3.9 KCFS and 44-45 degress F.
8/1/2002	IDSW	90	90	106-112% TDG w/5-45 KCFS, which was entire river.
8/1/2002	IHR	90	90	High 12 hr avg = 103.1% TDG.
8/1/2002	JDA	155	155	High 12 hr avg = 102.4% TDG.
8/1/2002	JHAW	155	155	108-117+% TDG w/22-60 KCFS, which is 30% of river as called for in fish test.
8/1/2002	LGNW	40	40	No spill.
8/1/2002	LGSW	39	39	No spill.
8/1/2002	LMNW	0	0	No spill.
8/1/2002	MCPW	130	130	109-116% TDG w/15-64 KCFS, which is the remaining H2Oafter gen.(160).
8/1/2002	MCQO	130	130	High 12 hr avg = 107.9% TDG.
8/1/2002	MCQW	130	130	High 12 hr avg = 112.3% TDG.
8/1/2002	TDA	125	125	High 12 hr avg = 105.0% TDG.
8/1/2002	TDDO	125	125	111-113% TDG w/38-75 KCFS, which is 40% of river as called for in BiOp.
8/1/2002	WRNO	160	145	Fish test switches to TDG gas cap @ 5:00 8/2.
8/2/2002	BON	145	155	High 12 hr avg = 107.2% TDG.
8/2/2002	CHJ	25	25	TDG level is 116+%
8/2/2002	CHQW	25	25	TDG level is 115+%. No spill.
8/2/2002	CWMW	145	155	High 12 hr avg = 114.8% TDG.
8/2/2002	DWQI	3900	3900	TDG level is 105+%. 104-106% TDG w/3.9 KCFS.
8/2/2002	IDSW	90	90	107-111% TDG w/14-35 KCFS, which is entire river called for in BiOp.
8/2/2002	IHR	90	90	High 12 hr avg = 103.7% TDG.
8/2/2002	JDA	155	155	High 12 hr avg = 102.2% TDG.

8/2/2002	JHAW	155	155	TDG level is 115+%. Spilled 48KCFS f/24hrs. Fish test switches to 0%day/60% night.
8/2/2002	LGNW	40	40	TDG level is 101+%. No spill.
8/2/2002	LGSW	39	39	TDG level is 101+%. No spill.
8/2/2002	LMNW	0	0	TDG level is 102+%. No spill.
8/2/2002	MCPW	130	130	No spill when tot. flow fell below 170KCFS. Spilled 12 KCFS f/8 hrs.
8/2/2002	MCQO	130	130	High 12 hr avg = 109.9% TDG.
8/2/2002	MCQW	130	130	High 12 hr avg = 110.4% TDG.
8/2/2002	TDA	125	125	High 12 hr avg = 107.3% TDG.
8/2/2002	TDDO	125	125	115-116% TDG w/64 KCFS, which was 40% of river.
8/2/2002	WRNO	145	155	117-118% TDG w/145 KCFS. Fish test chgs. to TDG cap. Spilled 160 KCFS f/5 hrs.
8/3/2002	BON	155	155	TDG level is 106+%
8/3/2002	CHJ	25	25	TDG level is 117+%.
8/3/2002	CHQW	25	25	TDG level is 116+%. No spill.
8/3/2002	CWMW	155	155	TDG level is 113+%
8/3/2002	DWQI	3800	3800	TDG level is 104+%
8/3/2002	IDSW	90	90	TDG level is 109+%. Spilled 15 to 45 KCFS for 24 hours.
8/3/2002	IHR	90	90	TDG level is 102+%
8/3/2002	JDA	155	155	TDG level is 100+%
8/3/2002	JHAW	155	155	TDG level is 115+%. Spilled to 100 KCFS for 6 hours.
8/3/2002	LGNW	40	40	TDG level is 101+%. No spill.
8/3/2002	LGSW	39	39	TDG level is 100+%. No spill.
8/3/2002	LMN	0	0	TDG level is 101+%
8/3/2002	LMNW	0	0	TDG level is 100+%
8/3/2002	LWG	40	40	TDG level is 104+%
8/3/2002	MCPW	130	130	TDG level is 107+%. No spill.
8/3/2002	TDA	125	125	TDG level is 105+%
8/3/2002	TDDO	125	125	TDG level is 113+%. Spilled 56 to 70 KCFS for 24 hours.
8/3/2002	WRNO	155	155	TDG level is 117+%. Spilled 123 to 143 KCFS for 24 hours.
8/4/2002	BON	155	155	High 12 hr avg = 107.1% TDG.
8/4/2002	CHQW	25	25	No spill.
8/4/2002	CWMW	155	155	High 12 hr avg = 114.8% TDG.
8/4/2002	DWQI	3800	3800	104% TDG w/3.8 KCFS.
8/4/2002	IDSW	90	90	105-111% TDG w/5-46 KCFS, which was entire river as BiOp calls for.
8/4/2002	IHR	90	90	High 12 hr avg = 102.6% TDG.
8/4/2002	JDA	155	155	High 12 hr avg = 101.3% TDG.

8/4/2002	JHAW	155	155	118% TDG w/95 KCFS, which was 60% of river as fish test calls for.
8/4/2002	LGNW	40	40	No spill.
8/4/2002	LGSW	39	39	No spill.
8/4/2002	LMNW	0	0	No spill.
8/4/2002	MCPW	130	130	No spill.
8/4/2002	MCQO	130	130	High 12 hr avg = 110.5% TDG.
8/4/2002	MCQW	130	130	High 12 hr avg = 109.6% TDG.
8/4/2002	TDA	125	125	High 12 hr avg = 106.9% TDG.
8/4/2002	TDDO	125	125	112-114% TDG w/64-70 KCFS, which was 40% of river.
8/4/2002	WRNO	155	155	Fish test changes to 75 KCFS @ daytime.
8/5/2002	BON	155	155	High 12 hr avg = 106.0% TDG.
8/5/2002	CHJ	25	25	TDG level is 115%
8/5/2002	CHQW	25	25	TDG level is 114%. No spill
8/5/2002	CWMW	155	155	High 12 hr avg = 112.7% TDG.
8/5/2002	DWQI	3800	3800	103-104% TDG w/3.8 KCFS and 45+ degrees F.
8/5/2002	IDSW	90	90	107-110% TDG w/20-35 KCFS, which was entire river.
8/5/2002	IHR	90	90	High 12 hr avg = 101.2 TDG
8/5/2002	JDA	155	155	High 12 hr avg = 100.4% TDG.
8/5/2002	JHAW	155	155	114+% TDG w/42 KCFS, 30% of river as fish test calls for. 60% night cap tomorrow.
8/5/2002	LGNW	40	40	TDG level is 100%. No spill.
8/5/2002	LGSW	39	39	TDG level is 99%. No spill.
8/5/2002	LMNW	0	0	TDG level is 100%. No spill.
8/5/2002	MCPW	130	130	TDG level is 108%. No spill.
8/5/2002	TDA	125	125	High 12 hr avg = 107.0% TDG.
8/5/2002	TDDO	125	125	111-115% TDG w/48-64 KCFS, which was 40% of river.
8/5/2002	WRNO	155	155	116+% TDG w/135 KCFS, which was total flow- generation (30 KCFS). Spill to cap tmrrw.
8/6/2002	BON	155	155	TDG level is 105+%.
8/6/2002	CHQW	30	30	TDG level is 114+%. No spill.
8/6/2002	CWMW	155	155	TDG level is 111+%.
8/6/2002	DWQI	3900	3900	TDG level is 104+%. (3.9 KCFS)
8/6/2002	IDSW	90	90	TDG level is 111+%. Spilled 14 to 35 KCFS for 24 hours.
8/6/2002	IHR	90	90	TDG level is 101+%.
8/6/2002	JDA	155	155	TDG level is 99+%.
8/6/2002	JHAW	155	155	TDG level is 115+%. Spilled 42 to 60 KCFS for 24 hours. Spilling 60% night spill tonight.
8/6/2002	LGNW	40	40	TDG level is 101+%. No spill.

8/6/2002	LGSW	39	39	TDG level is 100+%. No spill.
8/6/2002	LMN	0	0	TDG level is 100+%.
8/6/2002	LMNW	0	0	TDG level is 101+%.
8/6/2002	LWG	40	40	TDG level is 104+%.
8/6/2002	MCPW	130	130	TDG level is 106+%. No spill
8/6/2002	TDA	125	125	TDG level is 106+%.
8/6/2002	TDDO	125	125	TDG level is 114+%. Spilled 42 to 80 KCFS for 24 hours.
8/6/2002	WRNO	155	155	TDG level is 113+%. Spilled at 75 to 146 KCFS f/24 hours. Spilling to TDG cap today.
8/7/2002	BON	155	155	High 12 hr avg = 106.8% TDG.
8/7/2002	CHQW	25	25	TDG level is 113+%. No spill.
8/7/2002	CWMW	155	155	High 12 hr avg = 113.0% TDG.
8/7/2002	DWQI	3800	3800	103-104% TDG w/3.8 KCFS.
8/7/2002	IDSW	90	90	105-111% TDG w/10 to 42 KCFS, which was entire river.
8/7/2002	IHR	90	90	High 12 hr avg = 100.4% TDG.
8/7/2002	JDA	155	155	High 12 hr avg = 100.2% TDG.
8/7/2002	JHAW	155	155	114-118% TDG w/66-108 KCFS, which was 60% of river. Spilled 40-108 KCFS f/11 hrs.
8/7/2002	LGNW	40	40	TDG level is 101+%. No spill.
8/7/2002	LGSW	39	39	TDG level is 100+%. No spill.
8/7/2002	LMNW	0	0	TDG level is 100+%. No spill.
8/7/2002	MCPW	130	130	TDG level is 105+%. No spill.
8/7/2002	TDA	125	125	High 12 hr avg = 105.3% TDG.
8/7/2002	TDDO	125	125	112-113% TDG w/48 -72 KCFS, which was 40% if river.
8/7/2002	WRNO	155	155	112-119% TDG w/121-154 KCFS.
8/8/2002	BON	155	155	TDG level is 107+%.
8/8/2002	CHJ	25	25	TDG level is 112+%.
8/8/2002	CHQW	25	25	TDG level is 111+%.
8/8/2002	CWMW	155	155	TDG level is 113+%.
8/8/2002	DWQI	3900	3900	TDG level is 104+%.
8/8/2002	IDSW	90	90	TDG level is 109+%. Spilled 10-34 KCFS for 24 hours.
8/8/2002	IHR	90	90	TDG level is 100+%.
8/8/2002	JDA	155	155	TDG level is 99+%.
8/8/2002	JHAW	155	155	TDG level is 116+%. Spilled 66 to 105 KCFS for 12 hours.
8/8/2002	LGNW	40	40	TDG level is 100+%.
8/8/2002	LGS	39	39	TDG level is 99+%.
8/8/2002	LGSW	39	39	TDG level is 99+%.

8/8/2002	LMN	0	0	TDG level is 99+%.
8/8/2002	LMNW	0	0	TDG level is 99+%.
8/8/2002	LWG	40	40	TDG level is 102+%.
8/8/2002	MCPW	130	130	TDG level is 104+%. No spill.
8/8/2002	TDA	125	125	TDG level is 102+%.
8/8/2002	TDDO	125	125	TDG level is 112+%. Spilled 48 to 68 KCFS for 24 hours.
8/8/2002	WRNO	155	155	TDG level is 114+%. Spilled 110 to 120 KCFS for 24 hours.
8/9/2002	BON	155	155	TDG level is 106+%
8/9/2002	CHQW	25	25	TDG level is 111+%. No spill.
8/9/2002	CWMW	155	155	TDG level is 113+%
8/9/2002	DWQI	3900	3900	TDG level is 104+%
8/9/2002	IDSW	90	990	TDG level is 109+%. Spilled 14-42 KCFS for 24 hours.
8/9/2002	IHR	90	90	TDG level is 99+%
8/9/2002	JDA	155	155	TDG level is 100+%
8/9/2002	JHAW	155	155	TDG level is 118+%. Spilled 113-143 KCFS for 6 hours.
8/9/2002	LGNW	40	40	TDG level is 100+%. No spill.
8/9/2002	LGSW	39	39	TDG level is 99+%. No spill.
8/9/2002	LMNW	0	0	TDG level is 99+%. No spill..
8/9/2002	MCPW	130	130	TDG level is 106+%. No spill
8/9/2002	TDA	125	125	TDG level is 108+%
8/9/2002	TDDO	125	125	TDG level is 114+%. Spilled 44-88 KCFS for 24 hours.
8/9/2002	WRNO	155	155	TDG level is 117+%
8/10/2002	BON	155	155	High 12 hr avg = 108.2% TDG.
8/10/2002	CHQW	25	25	No spill.
8/10/2002	CWMW	155	155	High 12 hr avg=117.7% TDG. Flow was expected to drop but remained constant.
8/10/2002	DWQI	3900	3900	104-106% TDG w/3.8 KCFS spill. Temp. 48.2-49.2 degrees F.
8/10/2002	IDSW	90	90	109-110% TDG w/20-35 KCFS. For 10 hrs spilled entire river.
8/10/2002	IHR	90	90	High 12 hr avg = 101.0 % TDG,
8/10/2002	JDA	155	155	High 12 hr avg = 101.5% TDG.
8/10/2002	JHAW	155	155	101-119% TDG w/75-104 KCFS, which was 60% of river at night.
8/10/2002	LGNW	40	40	No spill.
8/10/2002	LGSW	39	39	No spill.
8/10/2002	LMNW	0	0	No spill.
8/10/2002	MCPW	130	130	No spill.
8/10/2002	TDA	125	125	High 12 hr avg = 112.2% TDG.

8/10/2002	TDDO	125	125	112-17% TDG w/58-76 KCFS, 40% of river flow.
8/10/2002	WRNO	155	155	118-121% TDG w/121-145 KCFS spill, which is flow - min. generation of 30 KCFS.
8/11/2002	BON	155	155	High 12 hr avg = 109.4% TDG.
8/11/2002	CHQW	25	25	No spill.
8/11/2002	CWMW	155	155	High 12 hr avg = 115.5% TDG. Exceedance.
8/11/2002	DWQI	3900	3900	(3.9 KCFS) 105-106% TDG w/3.8 KCFS spill. Temp. 48 F.
8/11/2002	IDSW	90	90	107-111.6% TDG w/10-46 KCFS. Which is entire river -min. generation (11.5KCFS).
8/11/2002	IHR	90	90	High 12 hr avg = 101.3% TDG.
8/11/2002	JDA	155	155	High 12 hr avg = 102.1% TDG.
8/11/2002	JHAW	1555	155	114-119% TDG w/40-75 KCFS, which is 30% of river for fish test.
8/11/2002	LGNW	40	40	No spill.
8/11/2002	LGSW	39	39	No spill.
8/11/2002	LMNW	0	0	No spill.
8/11/2002	MCPW	130	130	No spill.
8/11/2002	TDA	125	125	High 12 hr avg = 108.8% TDG.
8/11/2002	TDDO	125	125	112-117% TDG w/50-60 KCFS spill, which is approx. 40% of river.
8/11/2002	WRNO	155	155	110-118% TDG w/103-123 KCFS f/6 hrs and 75KCFS for fish test.
8/12/2002	BON	155	155	High 12 hr avg = 107.5% TDG.
8/12/2002	CHQW	25	25	No spill.
8/12/2002	CWMW	155	155	High 12 hr avg = 112.5% TDG.
8/12/2002	DWQI	3900	3900	104-105% TDG w/3.8 KCFS and 48 degrees F.
8/12/2002	IDSW	90	90	107-111% TDG w/10-45 KCFS which was entire river.
8/12/2002	IHR	90	90	High 12 hr avg = 100.9% TDG.
8/12/2002	JDA	155	155	High 12 hr avg = 102.8% TDG.
8/12/2002	JHAW	155	155	114 - 115% TDG w/35-47 KCFS, which was 30% river as called for in fish test.
8/12/2002	LGNW	40	40	No spill.
8/12/2002	LGSW	39	39	No spill.
8/12/2002	LMNW	0	0	No spill
8/12/2002	MCPW	130	130	No spill.
8/12/2002	TDA	125	125	High 12 hr avg = 107.0 % TDG.
8/12/2002	TDDO	125	125	113 -115% TDG w/40-66 KCFS, which was 40% of river.
8/12/2002	WRNO	155	155	115% TDG w/123 KCFS for 7 hrs on 8/11 and 75 KCFS spill for fish tests.
8/13/2002	BON	155	155	TDG level is 107+%.
8/13/2002	CHQW	25	25	TDG level is 111%. No spill.
8/13/2002	CWMW	155	155	TDG level is 111+%.

8/13/2002	DWQI	3900	3900	TDG level is 105+%.
8/13/2002	IDSW	90	90	TDG level is 111+%. Spilled 15 - 54 KCFS for 24 hours.
8/13/2002	IHR	90	90	TDG level is 101+%.
8/13/2002	JDA	155	155	TDG level is 105+%.
8/13/2002	JHAW	155	155	TDG level is 115+%.Spilled 30-56 KCFS f/24 hours. Spilling to 60% night cap tomorrow.
8/13/2002	LGNW	40	40	TDG level is 102+%. No spill.
8/13/2002	LGSW	39	39	TDG level is 101+%. No spill.
8/13/2002	LMN	0	0	TDG level is 103+%.
8/13/2002	LMNW	0	0	TDG level is 100+%.
8/13/2002	LWG	40	40	TDG level is 105+%.
8/13/2002	MCPW	130	130	TDG level is 111+%. No spill.
8/13/2002	TDA	125	125	TDG level is 106+%.
8/13/2002	TDDO	125	125	TDG level is 114+%. Spilled 40 - 78 KCFS for 24 hours.
8/13/2002	WRNO	155	155	TDG level is 112+%.Spilled 75-140 KCFS f/24 hours.Spilling to cap stasrting tomorrow.
8/14/2002	BON	155	140	High 12 hr avg = 110.6% TDG.
8/14/2002	CHQW	25	25	TDG level is 113+%. No spill.
8/14/2002	CWMW	155	140	High 12 hr avg = 112.0% TDG.
8/14/2002	DWQI	3800	3800	104-106% TDG w/3.7 KCFS (total flow) w/48+ degrees T.
8/14/2002	IDSW	90	90	105-113% TDG w/5-44 KCFS, which was entire river.
8/14/2002	IHR	90	90	High 12 hr avg = 102.3% TDG.
8/14/2002	JDA	155	155	High 12 hr avg = 106.2% TDG.
8/14/2002	JHAW	155	155	113-116% TDG w/30-59 KCFS (30% of river), fish test goes to 0%day/6% night.
8/14/2002	LGNW	40	40	TDG level is 103+%. No spill.
8/14/2002	LGSW	39	39	TDG level is 101+%. No spill.
8/14/2002	LMNW	0	0	TDG level is 100+%. No spill.
8/14/2002	MCPW	130	130	TDG level is 111+%. No spill.
8/14/2002	MCQO	130	130	TDG level is 115+%.
8/14/2002	MCQW	130	130	TDG level is 113+%.
8/14/2002	TDA	125	125	High 12 hr avg = 107.8% TDG.
8/14/2002	TDDO	125	125	114-116% TDG w/40-78 KCFS. which is 40% of river.
8/14/2002	WRNO	155	140	TDG level is 115+%. Fish test chgs to TDG cap & last time we did TDG cap we exceeded limits.
8/15/2002	BON	140	140	High 12 hr avg = 111.7% TDG.
8/15/2002	CHQW	25	25	TDG level is 113+%. No spill.
8/15/2002	CWMW	140	140	High 12 hr avg = 114.0% TDG.
8/15/2002	DWQI	3900	3900	105-106%TDG w/3.7 KCFS (total flw) w/13.8 KCFS w/48 degrees-nearing 49 degrees.

8/15/2002	IDSW	90	90	109-111% TDG w/10-50 KCFS, which is entire river.
8/15/2002	IHR	90	90	High 12 hr avg = 102.4% TDG.
8/15/2002	JDA	155	155	High 12 hr avg = 105.2% TDG
8/15/2002	JHAW	155	155	118% TDG w/74-96 KCFS, which was 60% of river. Spilled 23 to 96 KCFS for 12 hours.
8/15/2002	LGNW	40	40	TDG level is 104+%. Spilled 6 KCFS for 4 hours.
8/15/2002	LGSW	39	39	TDG level is 101+%. No spill.
8/15/2002	LMNW	0	0	TDG level is 101+%. No spill.
8/15/2002	LWG	40	40	TDG level is 106+%.
8/15/2002	MCPW	130	130	TDG level is 111+%. No spill.
8/15/2002	MCQO	130	130	TDG level is 117+%.
8/15/2002	MCQW	130	130	TDG level is 117+%.
8/15/2002	TDA	125	125	High 12 hr avg = 109.0% TDG.
8/15/2002	TDDO	125	125	114-115% TDG w/30-70 KCFS, which was 40% of river.
8/15/2002	WRNO	140	140	113-118% TDG w/115-133 KCFS.
8/16/2002	BON	140	155	High 12 hr avg = 108.9% TDG.
8/16/2002	CHQW	25	25	TDG level is 113+%. No spill.
8/16/2002	CWMW	140	155	High 12 hr avg = 114.8% TDG.
8/16/2002	DWQI	3800	3800	105-106% TDG w/3.7 KCFS and 48-49 degrees F.
8/16/2002	IDSW	90	90	107-112% TDG w/10-50 KCFS, which was entire river.
8/16/2002	IHR	90	90	High 12 hr avg = 102.1% TDG
8/16/2002	JDA	155	155	High 12 hr avg = 104.3% TDG.
8/16/2002	JHAW	155	155	116-118% TDG w/70-110 KCFS, which was 60% of river. Switches to 30%/30%.
8/16/2002	LGNW	40	40	110-116% TDG w/5 KCFS for 5 hrs. Releases due to planned plant outage for pulling oil head pipes.
8/16/2002	LGSW	39	39	TDG level is 102+%. No spill.
8/16/2002	LMN	0	0	TDG level is 106+%.
8/16/2002	LMNW	0	0	TDG level is 103+%.
8/16/2002	LWG	40	40	105-109% TDG.
8/16/2002	MCPW	130	130	TDG level is 110+%. No spill.
8/16/2002	MCQO	130	130	TDG level is 115+%.
8/16/2002	TDA	125	125	High 12 hr avg = 107.1% TDG.
8/16/2002	TDDO	125	125	112-114% TDG w/48-70 KCFS, which was 40% of river.
8/16/2002	WRNO	140	155	TDG level is 117+%. Switching today to 75 KCFS daytime & TDG cap @ night.
8/17/2002	BON	155	155	TDG level is 106+ %.
8/17/2002	CHQW	25	25	TDG level is 113+ %. No spill.
8/17/2002	CWMW	155	155	TDG level is 113+ %.

8/17/2002	DWQI	3800	3800	TDG level is 105+ %.
8/17/2002	IDSW	90	90	TDG level is 111+ %. Spilled 10-55 KCFS f/24 hours.
8/17/2002	IHR	90	90	TDG level is 102+ %.
8/17/2002	JDA	155	155	TDG level is 111+ %.
8/17/2002	JHAW	155	155	TDG level is 104+ %. Fish test spills terminated by Rick Peters on 8/16/02.
8/17/2002	LGNW	40	40	TDG level is 101+ %. No spill
8/17/2002	LGSW	39	39	TDG level is 102+ %. No spill.
8/17/2002	LMN	0	0	TDG level is 103+ %.
8/17/2002	LMNW	0	0	TDG level is 101+ %.
8/17/2002	LWG	40	40	TDG level is 105+ %.
8/17/2002	MCPW	135	135	TDG level is 110+ %. No spill.
8/17/2002	TDA	125	125	TDG level is 107+ %.
8/17/2002	TDDO	125	125	TDG level is 115+ %. Spilled 48 to 100 KCFS for 24 hours.
8/17/2002	WRNO	155	155	TDG level is 115+ %.
8/18/2002	BON	155	140	High 12 hr avg=101.1% TDG
8/18/2002	CHQW	25	25	No spill.
				High 12 hr avg=113.3% TDG
8/18/2002	CWMW	155	140	
8/18/2002	DWQI	3800	3800	104-106% TDG w/3.6KCFS and 48-49 degrees F.
8/18/2002	IDSW	90	90	106-111% TDG w/5-52 KCFS, which is entire river.
8/18/2002	IHR	90	90	
8/18/2002	JDA	155	155	High 12 hr avg = 104.7% TDG.
8/18/2002	JHAW	155	155	High 12 hr avg = 115.5%; fish test changes to 0% day/60% night.
8/18/2002	LGNW	40	40	No spill
8/18/2002	LGSW	39	39	No spill.
8/18/2002	LMNW	0	0	No spill
8/18/2002	MCPW	135	135	No spill.
8/18/2002	TDA	125	125	High 12 hr avg = 109.6% TDG.
8/18/2002	TDDO	125	125	113-115% TDG w/44-80 KCFS, which was 40% of river.
8/18/2002	WRNO	155	140	High 12 hr avg = 120.1% TDG. Exceedance, flows were higher than expected.
8/19/2002	BON	140	140	High 12 hr avg=108.0% TDG.
8/19/2002	CHQW	25	25	TDG level is 111+%. No spill
8/19/2002	CWMW	140	140	High 12 hr avg=111.7% TDG.
8/19/2002	DWQI	3600	3600	104-105+% w/3.6 KCFS and 48-49 degrees.

8/19/2002	IDSW	90	90	106-112% TDG w/5-45 KCFS, which was entire river.
8/19/2002	IHR	90	90	High 12 hr avg=100.5% TDG.
8/19/2002	JDA	155	155	High 12 hr avg = 105.3% TDG.
8/19/2002	JHAW	155	155	118+% TDG w/30-93, which is 60% of river as required by BiOp for nighttime, 0% daytime.
8/19/2002	LGNW	40	40	TDG level is 101+%. No spill.
8/19/2002	LGSW	39	39	TDG level is 101%. No spill.
8/19/2002	LMNW	0	0	TDG level is 101+%. No spill.
8/19/2002	MCPW	130	130	TDG level is 110+%. No spill.
8/19/2002	TDA	125	125	High 12 hr avg=105.9% TDG.
8/19/2002	TDDO	125	125	112-113% TDG w/35-56 KCFS, which is 40% of river as BiOp requires.
8/19/2002	WRNO	140	140	115-117% TDG w.100-110 KCFS, which was Total flow-30 KCFS.
8/20/2002	BON	140	140	High 12 hr avg=106.7% TDG.
8/20/2002	CHQW	25	25	No spill.
8/20/2002	CWMW	140	140	High 12 hr avg=112.0% TDG.
8/20/2002	DWQI	3600	3600	105-106% TDG w/3.6 KCFS and 48-49 degrees F.
8/20/2002	IDSW	90	90	106-110% TDG w/5-70 KCFS, which was entire river.
8/20/2002	IHR	90	90	High 12 hr avg=100.4% TDG.
8/20/2002	JDA	155	155	High 12 hr avg=105.4% TDG.
8/20/2002	JHAW	155	155	117-118% TDG w/71-81 KCFS. 60% of river at night.
8/20/2002	LGNW	40	40	No spill.
8/20/2002	LGS	39	39	High 12 hr avg=104.6% TDG.
8/20/2002	LGSW	39	39	High 12 hr avg=102.7% TDG w/5.6 KCFS through 1 gate. Spilling f/planned plant outage.
8/20/2002	LMNW	0	0	No spill.
8/20/2002	MCPW	130	130	No spill.
8/20/2002	TDA	125	125	High 12 hr avg=107.2% TDG.
8/20/2002	TDDO	125	125	110-113% TDG w/44-64 KCFS, which was 40% of river.
8/20/2002	WRNO	140	140	115-118% TDG w/98-124 KCFS, which was tot.flow -30 KCFS.
8/21/2002	BON	140	140	TDG level @ 105+%.
8/21/2002	CHQW	25	25	No spill.
8/21/2002	CWMW	140	140	TDG level at 111+%. High temp of 69.7 degrees F.
8/21/2002	DWQI	3900	3900	(3.9KCFS) TDG level @ 105+%, Spill at 3.5 KCFS.
8/21/2002	IDSW	90	90	TDG level @ 112+% w/5-85 KCFS spill. Tot.flow - min. gen. (10 KCFS).
8/21/2002	IHR	90	90	TDG level @ 100+%.
8/21/2002	JDA	155	155	TDG level @ 103+%.
8/21/2002	JHAW	155	155	TDG level @ 118+% w/60% spill at night of 71-99 KCFS.

8/21/2002	LGNW	40	40	No spill.
8/21/2002	LGS	39	39	TDG level @ 102+%.
8/21/2002	LGSW	39	39	TDG level @ 117+%. Spill daytime 2.8-5.7 KCFS (13 hours).
8/21/2002	LMNW	0	0	No spill.
8/21/2002	MCPW	130	130	No spill.
8/21/2002	TDA	125	125	TDG level @ 107+%.
8/21/2002	TDDO	125	125	TDG level @ 110+% w/40-66% spill, which is 40% of river.
8/21/2002	WRNO	140	140	TDG level at 118+% w/118-130 KCFS spill: QR - min. gen (30KCFS).
8/22/2002	BON	140	140	High 12 hr avg = 103.6% TDG.
8/22/2002	CHQW	25	25	No spill.
8/22/2002	CWMW	140	140	High 12 hr avg=112.4% TDG.
8/22/2002	DWQI	3900	3900	TDG level at 104+%. Temps 48 degrees F.
8/22/2002	IDSW	90	90	103-114% TDG w/5-81 KCFS. Daytime spill 5 KCFS, which is total flow-min.gen.
8/22/2002	IHR	90	90	High 12 hr avg = 100.0% TDG.
8/22/2002	JDA	155	155	High 12 hr avg = 102.6 % TDG.
8/22/2002	JHAW	155	155	103-119% TDG, w/83-100 KCFS night spill.
8/22/2002	LGNW	40	40	No spill.
8/22/2002	LGS	39	39	High 12 hr avg = 101.9 % TDG.
8/22/2002	LGSW	39	39	100-114% TDG w/2.8-13 KCFS spill during daytime hours.
8/22/2002	LMNW	0	0	No spill.
8/22/2002	MCPW	130	130	No spill.
8/22/2002	TDA	125	125	High 12 hr avg = 106.9% TDG.
8/22/2002	TDDO	125	125	High 12 hr avg = 111.9% TDG w/60-70 KCFS spill, which is 40% of river.
8/22/2002	WRNO	140	140	High 12 hr avg=118.8% TDG w/120-135 KCFS which is QR-min.gen (30 KCFS).
8/23/2002	BON	140	140	High 12 hr avg = 105.1% TDG.
8/23/2002	CHQW	25	25	No spill.
8/23/2002	CWMW	140	140	High 12 hr avg= 114.0 TDG.
8/23/2002	DWQI	3900	3400	104 to 105% TDG w/3.5 KCFS spill
8/23/2002	IDSW	90	90	107-109% TDG w/20 KCFS during day, which is the requested level from TMT.
8/23/2002	IHR	90	90	High 12 hr avg = 101.7% TDG.
8/23/2002	JDA	155	155	High 12 hr avg = 104.6% TDG.
8/23/2002	JHAW	155	155	114-118% TDG w/38-81 KCFS spill, which is 30% of river.
8/23/2002	LGNW	40	40	No spill.
8/23/2002	LGS	39	39	TDG level is 103+%.
8/23/2002	LGSW	39	39	107-118% TDG w/7.5 KCFS spill. Doble test & planned plant outage continues.

8/23/2002	LMNW	0	0	No spill.
8/23/2002	MCPW	130	130	No spill.
8/23/2002	TDA	125	125	High 12 hr avg = 109.6% TDG.
8/23/2002	TDDO	125	125	112-114% TDG w/48-68 KCFS, which is 40% of river.
8/23/2002	WRNO	140	140	113-120% TDG w/109-134 KCFS spill.
8/24/2002	BON	140	140	TDG level is 107+%.
8/24/2002	CHQW	25	25	No spill.
8/24/2002	CWMW	140	140	TDG level is 111+%.
8/24/2002	DWQI	3600	3600	TDG level is 104+%.
8/24/2002	IDSW	90	90	TDG level is 111+% . Spilled from 30 to 50 KCFS.
8/24/2002	IHR	90	90	TDG level is 101+%.
8/24/2002	JDA	155	155	TDG level is 104+%.
8/24/2002	JHAW	155	155	TDG level is 115+%. Spilled 38 to 50 KCFS for 24 hours.
8/24/2002	LGNW	40	40	No spill
8/24/2002	LGSW	39	39	No spill.
8/24/2002	LMNW	0	0	No spill.
8/24/2002	MCPW	130	130	No spill.
8/24/2002	TDA	125	125	TDG level is 110+%.
8/24/2002	TDDO	125	125	TDG level is 116+%. Spilled 48 to 62 KCFS>
8/24/2002	WRNO	140	140	TDG level is 117+%. Spilled 75 to 120 KCFS for 24 hours.
8/25/2002	BON	140	140	High 12 hr avg = 109.7% TDG.
8/25/2002	CHQW	25	25	No spill.
8/25/2002	CWMW	140	140	High 12 hr avg = 112.3% TDG.
8/25/2002	DWQI	1900	1900	103% TDG w/1.9 KCFS and 48-49 degrees F.
8/25/2002	IDSW	90	90	108-112% TDG w/20-56 KCFS spill, which was entire river.
8/25/2002	IHR	90	90	High 12 hr avg=101.4% TDG.
8/25/2002	JDA	155	155	High 12 hr avg = 103.8% TDG.
8/25/2002	JHAW	155	155	112-115% TDG w/39-52KCFS, 30% of river.
8/25/2002	LGNW	40	40	No spill.
8/25/2002	LGSW	39	39	No spill.
8/25/2002	LMNW	0	0	No spill.
8/25/2002	MCPW	130	130	No spill.
8/25/2002	TDA	125	125	High 12 hr avg = 107.8% TDG.
8/25/2002	TDDO	125	125	114% TDG w/53-66 KCFS, which is 40% of river.
8/25/2002	WRNO	140	140	109-115% TDG w/75-127 KCFS (75 KCFS spill day in fish test).

8/26/2002	BON	140	140	High 12 hr avg=108% TDG.
8/26/2002	CHQW	25	25	TDG level is 110+%. No spill.
8/26/2002	CWMW	140	140	High 12 hr avg=110.5% TDG.
8/26/2002	DWQI	1900	1900	102-103% TDG w/1.9 KCFS and 48 degrees F.
8/26/2002	IDSW	90	90	108-111% TDG w/17-4 KCFS, entire river during night time. Part of swap agreed to @ TMT.
8/26/2002	IHR	90	90	High 12 hr avg=104.0% TDG.
8/26/2002	JDA	155	155	High 12 hr avg=101.4% TDG.
8/26/2002	JHAW	155	155	111-115% TDG w/24-43 KCFS, which was 30% of river. Switches to 60% night/0% day.
8/26/2002	LGNW	40	40	TDG level is 101+%. No spill.
8/26/2002	LGSW	39	39	TDG level is 100+%. No spill.
8/26/2002	LMNW	0	0	TDG level is 105+%. No spill.
8/26/2002	MCPW	130	130	TDG level is 104+%. No spill.
8/26/2002	TDA	125	125	High 12 hr avg=106.4% TDG.
8/26/2002	TDDO	125	125	111-113% TDG w/43-58 KCFS, which was 40% of river.
8/26/2002	WRNO	140	140	111% w/74-98 KCFS. Fish test switches to TDG cap today.
8/26/2002	CHQW	25	25	TDG level is 110+%. No spill.
8/26/2002	DWQI	1900	1900	102-103% TDG w/1.9 KCFS. 48 degrees F.
8/26/2002	LGNW	40	40	TDG level is 101+%. No spill.
8/27/2002	BON	140	140	High 12 hr avg=105.1% TDG.
8/27/2002	CHQW	25	25	TDG level is 109+%. No spill.
8/27/2002	CWMW	140	140	High 12 hr avg=109.0% TDG.
8/27/2002	DWQI	1900	1900	TDG level is 103+%. Temps 48.7 degrees F.
8/27/2002	IDSW	90	90	High 12 hr avg=109.5% TDG w/16-45 KCFS for 12 hours (night).
8/27/2002	IHR	90	90	High 12 hr avg=100.5% TDG.
8/27/2002	JDA	155	155	High 12 hr avg=100.5% TDG.
8/27/2002	JHAW	155	155	High 12 hr avg=114.9% TDG w/24-90 KCFS spill for 12 hrs. during the night.
8/27/2002	LGNW	40	40	TDG level is 101+%. No spill.
8/27/2002	LGSW	39	39	TDG level is 99+%. No spill.
8/27/2002	LMNW	0	0	TDG level is 103+%. No spill.
8/27/2002	MCPW	130	130	TDG level is 104%. No spill.
8/27/2002	TDA	125	125	High 12 hr avg=103.6% TDG.
8/27/2002	TDDO	125	125	High 12 hr avg=112.0% TDG w/40-66 KCFS spill.
8/27/2002	WRNO	140	140	High 12 hr avg=113.7% TDG w/41-119 KCFS spill.
8/28/2002	BON	140	140	High 12 hr avg=105.3% TDG.

8/28/2002	CHQW	25	25	TDG level is 109+%. No spill.
8/28/2002	CWMW	140	140	High 12 hr avg=110.7% TDG.
8/28/2002	DWQI	1900	1900	TDG level is 103+%. Temps 48.7-49.1 degrees F.
8/28/2002	IDSW	90	90	High 12 hr avg=109.0% TDG w/20-40 KCFS night spill. No daytime spill per CBT 8/23/02.
8/28/2002	IHR	90	90	High 12 hr avg=102.4% TDG.
8/28/2002	JDA	155	155	High 12 hr avg=101.8% TDG.
8/28/2002	JHAW	155	155	101-118% TDG w/33-107 KCFS night spill only for 12 hours.
8/28/2002	LGNW	40	40	TDG level is 101+%. No spill.
8/28/2002	LGSW	39	39	TDG level is 100+%. No spill.
8/28/2002	LMNW	0	0	TDG level is 102+%. No spill.
8/28/2002	MCPW	130	130	TDG level is 106+%. No spill.
8/28/2002	TDA	125	125	High 12 hr avg=104.5 % TDG.
8/28/2002	TDDO	125	125	111-113% TDG w/44-70 KCFS, which is 40% of river.
8/28/2002	WRNO	140	140	107-115% TDG w/30-120 KCFS.
8/29/2002	BON	140	140	High 12 hr avg=108.5% TDG.
8/29/2002	CHQW	25	25	TDG level is 109+%. No spill.
8/29/2002	CWMW	140	140	High 12 hr avg=114.0% TDG.
8/29/2002	DWQI	1900	1900	103-104% TDG. Temps at 48.9-49.4 degrees F.
8/29/2002	IDSW	90	90	103-110% TDG w/22-35 kCFS for 12 hrs.
8/29/2002	IHR	90	90	High 12 hr avg=102.8% TDG.
8/29/2002	JDA	155	155	High 12 hr avg=103.3% TDG.
8/29/2002	JHAW	155	155	102-118% TDG w/41-84 KCFS spill for 12 hrs.
8/29/2002	LGNW	40	40	TDG level is 103%. No spill.
8/29/2002	LGSW	39	39	TDG level is 101+%. No spill.
8/29/2002	LMNW	0	0	TDG level is 103%. No spill.
8/29/2002	MCPW	130	130	TDG level is 106+%. No spill.
8/29/2002	TDA	125	125	High 12 hr avg=110.8% TDG.
8/29/2002	TDDO	125	125	113-117% TDG w/45-68 KCFS spill.
8/29/2002	WRNO	140	140	111-115% TDG w/28-36KCFS f/4 hrs and 120 KCFS f/5 hrs.
8/30/2002	BON	140	140	High 12 hr avg=109.8% TDG.
8/30/2002	CHQW	25	25	TDG level is 110+%. No spill.
8/30/2002	CWMW	140	140	High 12 hr avg=110.3% TDG.
8/30/2002	DWQI	1900	1900	TDG level is 103+%. Temps 47.9-49.5 degrees F.
8/30/2002	IDSW	90	90	104-111% TDG w/20-35 KCFS spill for 12 hours.
8/30/2002	IHR	90	90	High 12 hr avg=105.4% TDG.

8/30/2002	JDA	155	155	High 12 hr avg=102.3% TDG.
8/30/2002	JHAW	155	155	102-115% TDG w/30-45 KCFS spill for 12 hours.
8/30/2002	LGNW	40	40	
8/30/2002	LGSW	39	39	TDG level is 101+%. No spill.
8/30/2002	LMNW	0	0	TDG level is 101+%. No spill.
8/30/2002	MCPW	130	130	TDG level is 106+%. No spill.
8/30/2002	TDA	125	125	High 12 hr avg=111.1% TDG.
8/30/2002	TDDO	125	125	111-118% TDG w/48-58 KCFS spill.
8/30/2002	WRNO	140	140	108-112% TDG w/10-27 KCFS spill during the night. 75 KCFS during the day.

GLOSSARY OF LOCATION CODES

BON	Bonneville forebay
CHJ	Chief Joseph forebay
CHQW	Chief Joseph tailwater
CWMW	Camas
DWQI	Dworshak tailwater
IDSW	Ice Harbor tailwater
IHR	Ice Harbor forebay
JDA	John Day forebay
JHAW	John Day tailwater
LGNW	Lower Granite tailwater
LGS	Little Goose forebay
LGSW	Little Goose tailwater
LMN	Lower Monumental forebay
LMNW	Lower Monumental tailwater
LWG	Lower Granite forebay
MCPW	McNary tailwater
MCQO	McNary forebay, Oregon side
MCQW	McNary forebay, Washington side
TDA	The Dalles
TDDO	The Dalles tailwater
WRNO	Warrendale